

# GT CONTACT



**RUGGED WATERPROOF  
CONNECTION TECHNOLOGY**

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# APPLICATION

Automation Machine



Underwater Machine



Solar Energy



Wind Power Energy



Agricultural Machinery



Military Industry



Mining / Oil industry





Train / MRT



Marine Electronic  
Water Activities



E-Bike / Electric Vehicles  
Battery / Automobile (Car)



Wireless Outdoor AP



LED Lighting  
LED Display  
LED Lamp



Medical Equipment



Industry PC / Rugged Notebook


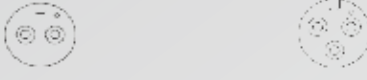
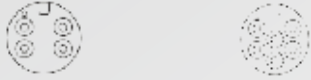


Surveillance System

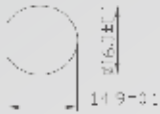

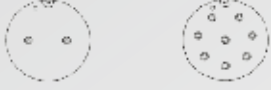
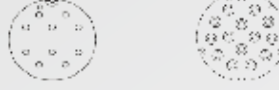


# Pin & Size Arrangements

## Circular & Hybrid Connector

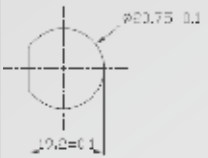








### C1

Cut Out	5A	2A
	 2PIN to 3PIN	 4PIN to 6PIN

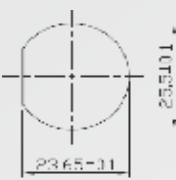

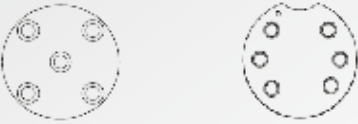




### C2

Cut Out	10A	5A	2A
	 2PIN to 4PIN	 2PIN to 8PIN	 10PIN to 14PIN
	10A+5A		5A+2P
	 2PIN+4PIN		 2PIN + 6PIN


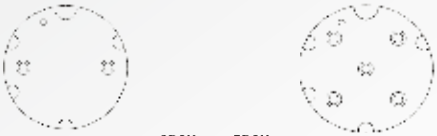

### C3

Cut Out	20A	10A	5A	2A
	 3PIN	 2PIN to 6PIN	 3PIN to 14PIN	 10PIN to 18PIN
	10A+2A	15A+2A	25A+1A	20A+5A
	 3PIN+2PIN	 2PIN+2PIN	 2PIN + 3PIN	 2PIN + 6PIN

### C4

Cut Out	30A	10A	5A	2A
	 3PIN	 5PIN to 6PIN	 12PIN to 18PIN	 18PIN to 26PIN
	1A		20A+3A	
	 31PIN		 2PIN+6PIN	

### C5

Cut Out	10A	20A+5A
	 2PIN to 5PIN	 3PIN+9PIN

# Housing & Mating Type

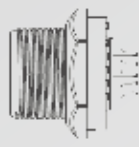
*Circular & Hybrid Connector*

**Lock**

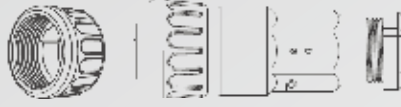
**Screw**

**Twist Lock**

**Panel Mount**



**Cable end**



**Nut Style**

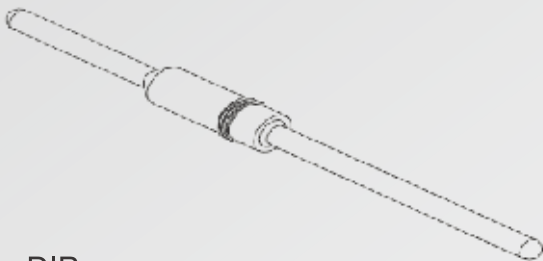


Hex Nut

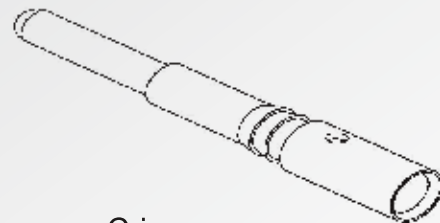


Spanner Nut

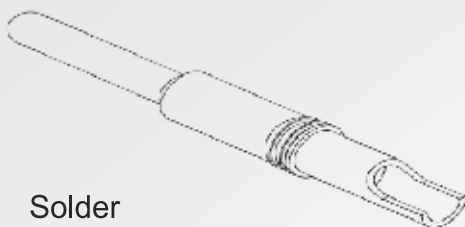
**PIN Style**



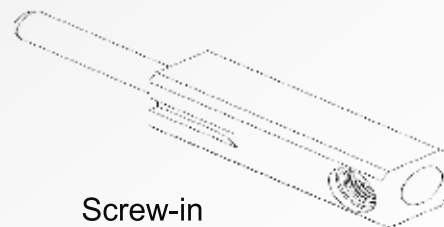
DIP



Crimp



Solder



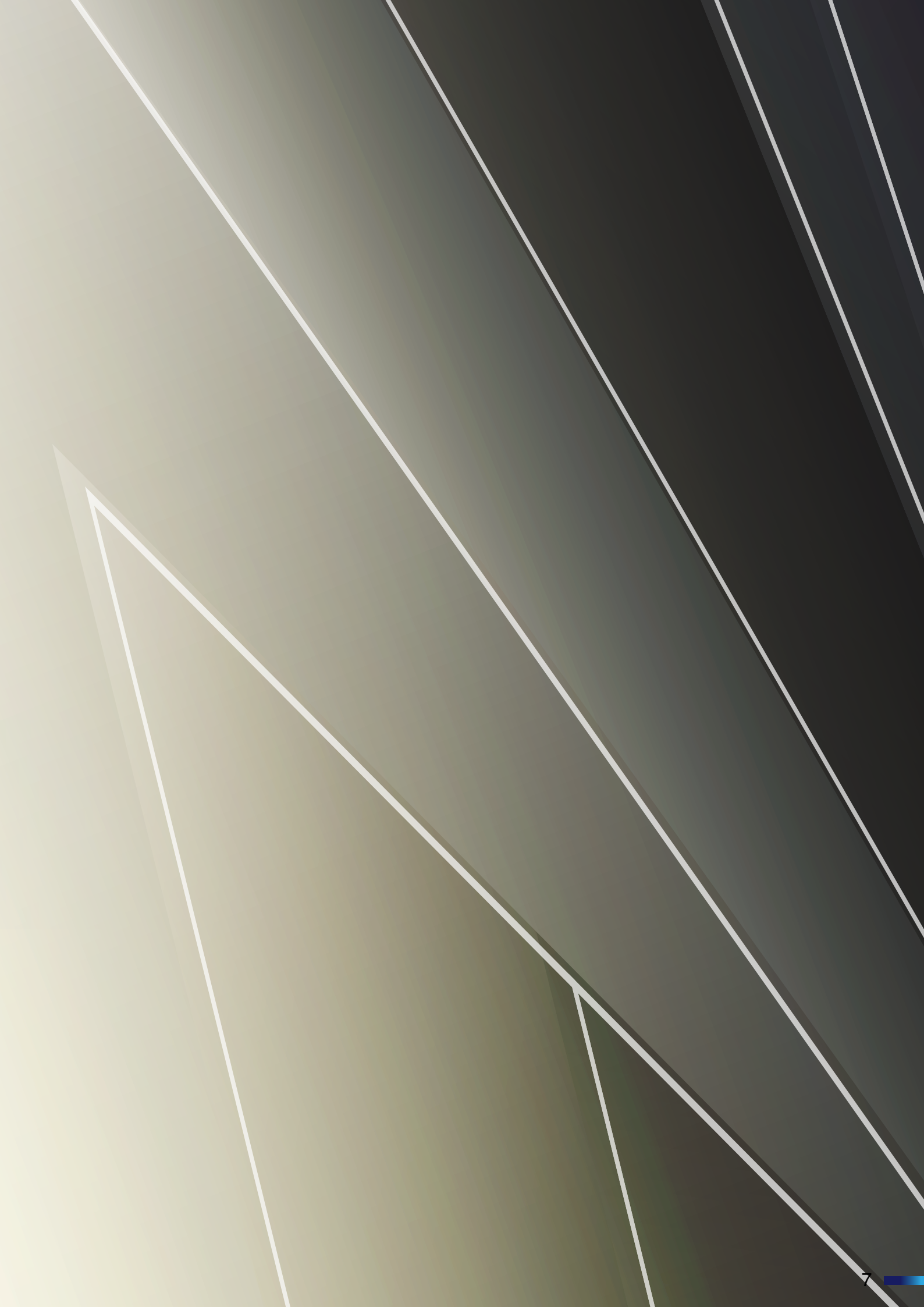
Screw-in

# USB Series

(USB 2.0; USB 3.0)



**USB-A C4 & C3 Series**  
**USB-B C4 & C3 Series**  
**Mini USB // Micro USB C2 Series**  
**USB 3.0 C3 Series**  
**Micro USB 3.0 C3 Series**  
**USB Type C 3.1 C2 Series**





## Panel side-USB 2.0

### 1. C2 Micro USB

Micro USB-AB Plastic Panel Lock Part No. GT11A2 Series.	14
Micro USB-AB Metal Panel Screw Part No. GT21A3 Series.	14

### 2. C2 Mini USB

Mini USB-B Plastic Panel Lock Part No. GT1142 Series.	14
Mini USB-B Plastic Panel Screw Part No. GT1143 Series.	14
Mini USB-B Metal Panel Screw Part No. GT2143 Series.	15

### 3. C3 USB

USB-A Plastic Panel Screw Part No. GT1163 Series.	15
USB-A Metal Panel Screw Part No. GT2163 Series.	15
USB-B Plastic Panel Screw Part No. GT1173 Series.	15

### 4. C4 USB

USB-A Plastic Panel Lock Part No. GT1112 Series.	16
USB-A Metal Panel Screw Part No. GT2113 Series.	16
USB-B Plastic Panel Lock Part No. GT1122 Series.	16

## Panel side-USB 3.0

### 1. C3 Micro USB

Mirco USB-B Plastic Panel Lock Part No. GT1193 Series.	17
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### 2. C3 USB-A

USB-A Plastic Panel Screw Part No. GT1183 Series.	17
USB-A Metal Panel Screw Part No. GT2183 Series.	17

## USB Type C 3.1

### 1. C2 USB Type C

USB Type C Plastic Panel Lock Part No. GT11C2 Series.	18
USB Type C Metal Panel Screw Part No. GT21C3 Series.	18

## Cable side-USB 2.0

### 1. C2 Micro USB

Micro USB-AB Plastic Cable End Lock Part No. GT11A2 Series.	19
Mirco USB-B Plastic Cable End Screw Part No. GT11B2 Series.	19
Mirco USB-B Plastic Cabel End Lcok Part No. GT11B22 Series.	19

## Cable side-USB 2.0

### 2. C2 Mini USB

Mini USB-B Plastic Cable End Lock Part No. GT1142 Series.	19
Mini USB-B Plastic Cable End Screw Part No. GT1143 Series.	19
Mirco USB-AB Plastic Cable-To-Cable Lock Part No. GT11A210 Series.	20
Mini USB-B Plastic Cable-To-Cable Lock Part No. GT114210 Series.	20
Mini USB-B Plastic Cable-To-Cable Screw Part No. GT114310 Series.	20
Mini USB-B Metal Cable End Screw Part No. GT2143 Series.	20

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### 3. C3 USB

USB-A Plastic Cable End Screw Part No. GT1163 Series.	21
USB-A Metal Cable End Screw Part No. GT2163 Series.	21
USB-A Plastic Cable-To-Cable Screw Part No. GT116310 Series.	21
USB-B Plastic Cable End Screw Part No. GT1173 Series.	21
USB-B Plastic Cable-To-Cable Screw Part No. GT117310 Series.	22
USB-A Plug Cable End Field Installable Screw Part No. 116370 Series.	22

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### 4. C4 USB

USB-A Plastic Cable End Lock Part No. GT1112 Series.	22
USB-A Metal Cable End Screw Part No. GT2113 Series.	22
USB-A Plastic Cable-To-Cable Lock Part No. GT111210 Series.	23
USB-B Plastic Cable End Lock Part No. GT1122 Series.	23
USB-B Plastic Cable-To-Cable Lock Part No. GT112210 Series.	23

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## Cable side-USB 3.0

### 1. C3 Micro USB-B 3.0

Micro USB-B 3.0 Plastic Cable End Screw Part No. GT1193 Series.	24
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### 2. C3 USB-A 3.0

USB-A 3.0 Plastic Cable End Screw Part No. GT1183 Series.	24
USB-A 3.0 Metal Cable End Screw Part No. GT2183 Series.	24
USB-A 3.0 Plastic Cable-To-Cable Screw Part No. GT118310 Series.	24

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## USB Type C 3.1

### 1. C2 USB Type C

USB Type C Plastic Cable End Lock Part No. GT11C22 Series.	25
USB Type C Metal Cable End Screw Part No. GT21C32 Series.	25
USB Type C Plastic Cable-To-Cable Lock Part No. GT11C21 Series.	25
USB Type C Metal Cable-To-Cable Screw Part No. GT21C31 Series.	25

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## Dual USB

1. C4 Dual USB-A	
USB-A Plastic Panel Part No. GT1114 Series.	26

## Cap

1. C2 Cap Plastic	
C2 Cap Plastic Lock Part No. GT1C121 Series.	27
C2 Cap Plastic Screw Part No. GT1C523 Series.	27
2. C2 Cap Metal	
C2 Cap Metal Screw Part No. GT2C123 Series.	28
3. C3 Cap Plastic	
C3 Cap Plastic Screw Part No. GT1C533 Series.	28
4. C3 Cap Metal	
C3 Cap Metal Screw Part No. GT2C213 Series.	29
5. C4 Cap Plastic	
C4 Cap Plastic Lock Part No. GT1C111 Series.	29
C4 Cap Plastic Screw Part No. GT1C543 Series.	30
6. C4 Cap Metal	
C4 Cap Metal Screw Part No. GT2C113 Series.	30

## Accessory

1. C3 USB-A Flash Driver Cover Screw Part No. GT116380-00.	31
2. C4 USB-A Flash Driver Cover LOCK Part No. GT111280-00.	31

Material		
	USB 2.0	USB 3.0
Panel Housing (Plastic // Metal )	PA66 // Zn Alloy, Ni Plating	PA66 // Zn Alloy, Ni Plating
USB Receptacle Housing (Plastic // Metal )	Thermoplastic	Thermoplastic
USB Receptacle Contacts	Copper Alloy, Au Plating	Copper Alloy, Au Plating
USB Receptacle Shell (Plastic // Metal )	Copper Alloy, Ni Plating	Copper Alloy, Ni Plating // Stainless Steel , Ni Plating
EMI Plate (Metal)	Copper Alloy, Ni Plating	Copper Alloy, Ni Plating
Panel Gasket // O-Ring	Silicone	Silicone
Panel Hex Nut ( Plastic // Metal)	PA66 // Zn Alloy, Ni Plating	PA66 // Zn Alloy, Ni Plating
Glue	Epoxy	Epoxy
Cable End Nut ( Plastic // Metal)	PA66 // Zn Alloy, Ni Plating	Copper Alloy , Ni Plating
USB Plug Housing ( Plastic // Metal)	Thermoplastic	Thermoplastic
USB Plug contacts ( Plastic // Metal)	Copper Alloy, Au Plating	Copper Alloy , Au Plating
USB Plug Shell ( Plastic // Metal)	Cold Roll Steel, Ni Plating	Cold Roll Steel , Ni Plating
Cable End Rubber Pad ( Plastic // Metal)	Silicone	Silicone
Inner Mold ( Plastic // Metal)	Thermoplastic	Thermoplastic

Material	
	USB Type C 3.1
Panel Housing (Plastic // Metal )	PA66 // Zn Alloy, Ni Plating
USB Receptacle Housing (Plastic // Metal )	HI-TEMP Plastic // HI-TEMP Plastic
USB Receptacle Contacts	Coper Alloy, Au Plating
USB Receptacle Shell (Plastic // Metal )	Stainless Steel, Ni Plating // Stainless Steel , Ni Plated
EMI Plate (Metal)	
Panel Gasket // O-Ring	Silicone
Panel Hex Nut ( Plastic // Metal)	PA66 // Zn Alloy, Ni Plating
	Epoxy
Cable End Nut ( Plastic // Metal)	PA66 // Zn Alloy, Ni Plating
USB Plug Housing ( Plastic // Metal)	HI TEMP Plastic
USB Plug contacts ( Plastic // Metal)	Copper Alloy , Au Plated
USB Plug Shell ( Plastic // Metal)	Stainless Steel , Ni Plated
Cable End Rubber Pad ( Plastic // Metal)	Silicone
Inner Mold ( Plastic // Metal)	PVC
Over Mold ( Plastic // Metal)	PVC

Technical Data	
	<b>USB 2.0</b>
Insulation Resistance	DC500V±10%, test for 1 minute and the insulation resistance should be more than 100MΩ
Dielectric Withstanding Voltage	500V DC/AC peak, contact-to-contact, for 1 minute. 500V DC/AC peak, contact-to-test panel or contact-to-shield for 1 minute.
Contact Resistance	30mΩ at 10mA Max.
Durability	Screw type 1500 cycles, rate of 200 cycles per hour. Lock type 200 cycles, rate of 200 cycles per hour.
Thermal Shock	5 cycles at -40°C / +105°C, after the test, the function and appearance can't be impacted.
Waterproof Test	Under 1 M water for 30 minutes.
Temperature Range	-40°C / +85°C
AWG Gauge	22 AWG ~ 28 AWG
Current Rating	1.0A

Technical Data	
	<b>USB 3.0</b>
Insulation Resistance	DC500V±10%, test for 1 minute and the insulation resistance should be more than 10MΩ
Dielectric Withstanding Voltage	100 V DC/AC peak, contact-to-contact, for 1 minute. 100 V DC/AC peak, contact-to-test panel or contact-to-shield for 1 minute.
Contact Resistance	30mΩ at 10mA Max.
Durability	Screw type 1500 cycles, rate of 200 cycles per hour.
Thermal Shock	5 cycles at -40°C / +105°C, after the test, the function and appearance can't be impacted.
Waterproof Test	Under 1 M water for 30 minutes.
Temperature Range	-40°C / +85°C
AWG Gauge	22 AWG ~ 28 AWG
Current Rating	1.8A

## Technical Data

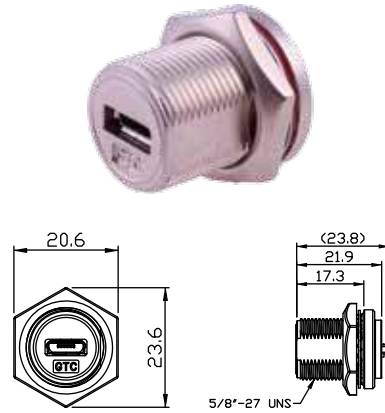
	<b>USB Type C 3.1</b>
<b>Insulation Resistance</b>	<b>DC100V±10% , test for 1 minute and the insulation resistance should be more than 5MΩ</b>
<b>Dielectric Withstanding Voltage</b>	<b>100 V DC/AC peak, contact-to-contact, for 1min.</b>
<b>Contact Resistance</b>	<b>500mΩ at 10mA Max.</b>
<b>Durability</b>	<b>10,000 cycles</b>
<b>Thermal Shock</b>	<b>5 cycles at -40°C / +105°C, after the test, the function and appearance can't be impacted.</b>
<b>Waterproof Test</b>	<b>Under 1 M water for 30 minutes.</b>
<b>Temperature Range</b>	<b>-40°C / +85°C // -40°C / +105°C</b>
<b>AWG Gauge</b>	<b>32 AWG ~ 26 AWG</b>
<b>Current Rating</b>	<b>5A Max For VBUS 0.25A Max For Others</b>

## C2 Micro USB-AB Plastic Panel Lock Type



At Rear of Panel	Cable Length	Ordering No.
Micro USB-AB Coupler		GT11A200-80
Blunt Cut	*	GT11A200-03-XX
USB-A Plug Cable	*	GT11A200-05-XX
Mirco USB-AB to Micro USB-B Plug	*	GT11A200-0P-XX

## C2 Micro USB-AB Metal Panel Screw Type



At Rear of Panel	Cable Length	Ordering No.
Micro USB-AB Coupler		GT21A300-80
Blunt Cut	*	
USB-A Plug Cable	*	
Mirco USB-AB to Micro USB-B Plug	*	

## C2 Mini USB-B Plastic Panel LockType



At Rear of Panel	Cable Length	Ordering No.
Dip Pin		GT114200-10
Dip Pin Right Angle		GT114200-20
Mini USB-B Coupler		GT114200-50
Blunt Cut	*	GT114200-03-XX
USB-A Plug Cable	*	GT114200-05-XX
USB-A Receptacle Cable	*	GT114200-06-XX
Mini USB-B Plug Cable	*	GT114200-07-XX
Mini USB-B Receptacle Cable	*	GT114200-08-XX
USB-B Plug Cable	*	GT114200-09-XX

## C2 Mini USB-AB Plastic Panel Screw Type



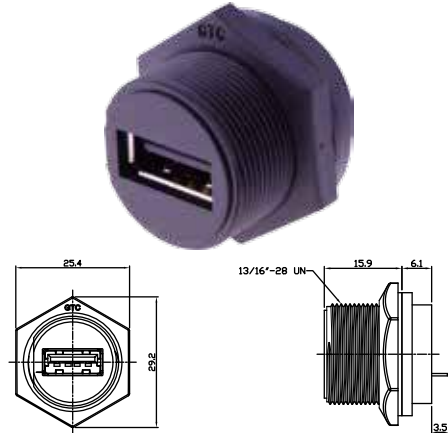
At Rear of Panel	Cable Length	Ordering No.
Dip Pin		GT114300-10
Dip Pin Right Angle		
Mini USB-B Coupler		
Blunt Cut	*	GT114300-03-XX
USB-A Plug Cable	*	GT114300-05-XX
USB-A Receptacle Cable	*	GT114300-06-XX
Mini USB-B Plug Cable	*	GT114300-07-XX
Mini USB-B Receptacle Cable	*	GT114300-08-XX
USB-B Plug Cable	*	GT114300-09-XX

C2 Mini USB-AB Metal Panel Screw Type



At Rear of Panel	Cable Length	Ordering No.
Dip Pin		GT214300-10
Dip Pin Right Angle		
Mini USB-B Coupler		GT214300-50
Blunt Cut	*	GT214300-03-XX
USB-A Plug Cable	*	GT214300-05-XX
USB-A Receptacle Cable	*	GT214300-06-XX
Mini USB-B Plug Cable	*	GT214300-07-XX
Mini USB-B Receptacle Cable	*	GT214300-08-XX
USB-B Plug Cable	*	GT214300-09-XX

C3 USB-A Plastic Panel Screw Type



At Rear of Panel	Cable Length	Ordering No.
Dip Pin		GT116300-10
Dip Pin Right Angle		
USB A Coupler		GT116300-30
Mini USB-B Coupler		
Blunt Cut	*	GT116300-03-XX
USB-A Plug Cable	*	GT116300-05-XX
USB-A Receptacle Cable	*	
Mini USB-B Plug Cable	*	
Mini USB-B Receptacle Cable	*	
USB-B Plug Cable	*	
Micro USB-B Plug Cable	*	GT116300-0P-XX

C3 USB-A Metal Panel Screw Type



At Rear of Panel	Cable Length	Ordering No.
Dip Pin		GT216300-10
Dip Pin ( Green Plating )		GT216300-10(G)
Dip Pin Right Angle		
USB A Coupler		GT216300-30
Mini USB-B Coupler	*	
Blunt Cut	*	GT116300-03-XX
USB-A Plug Cable	*	GT116300-05-XX
USB-A Receptacle Cable	*	GT116300-06-XX
Mini USB-B Plug Cable	*	
Mini USB-B Receptacle Cable	*	
USB-B Plug Cable	*	

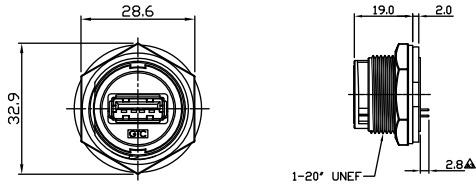
C3 USB-B Plastic Panel Screw Type



At Rear of Panel	Cable Length	Ordering No.
Dip Pin		GT117300-10
Dip Pin Right Angle		
USB A Coupler		
Mini USB-B Coupler	*	
Blunt Cut	*	GT117300-03-XX
USB-A Plug Cable	*	
USB-A Receptacle Cable	*	GT117300-06-XX
Mini USB-B Plug Cable	*	GT117300-07-XX
Mini USB-B Receptacle Cable	*	
USB-B Plug Cable	*	GT117300-09-XX

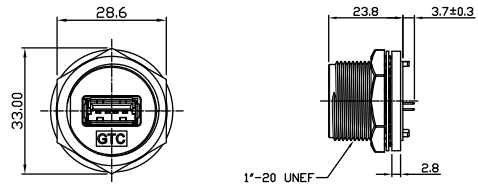


## C4 USB-A Plastic Panel Lock Type



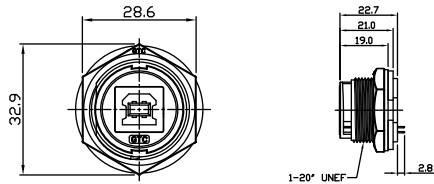
At Rear of Panel	Cable Length	Ordering No.
Dip Pin		GT111200-10
Dip Pin Right Angle		
USB-A Coupler		GT111200-30
USB-B Coupler		GT111200-40
Mini USB-B Coupler		GT111200-50
Mini USB-A Coupler Right Angle		GT111200-60
Blunt Cut	*	GT111200-03-XX
USB-A Plug Cable	*	GT111200-05-XX
USB-A Receptacle Cable	*	GT111200-06-XX
Mini USB-B Plug Cable	*	
Mini USB-B Receptacle Cable	*	
USB-B Plug Cable	*	

## C4 USB-A Metal Panel Screw Type



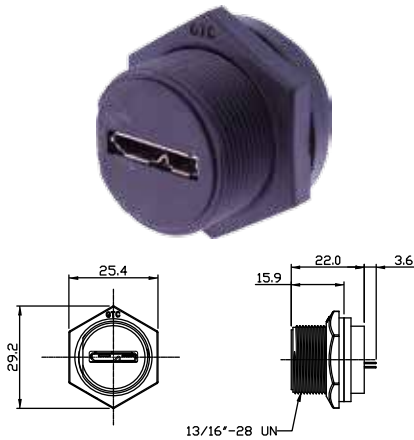
At Rear of Panel	Cable Length	Ordering No.
Dip Pin		GT211300-10
Dip Pin Right Angle		
USB-A Coupler		GT211300-30
USB-B Coupler		
Mini USB-B Coupler		
Mini USB-A Coupler Right Angle		
Blunt Cut	*	GT211300-03-XX
USB-A Plug Cable	*	GT211300-05-XX
USB-A Receptacle Cable	*	GT211300-06-XX
Mini USB-B Plug Cable	*	
Mini USB-B Receptacle Cable	*	GT114300-08-XX
USB-B Plug Cable	*	

## C4 USB-B Plastic Panel Lock Type



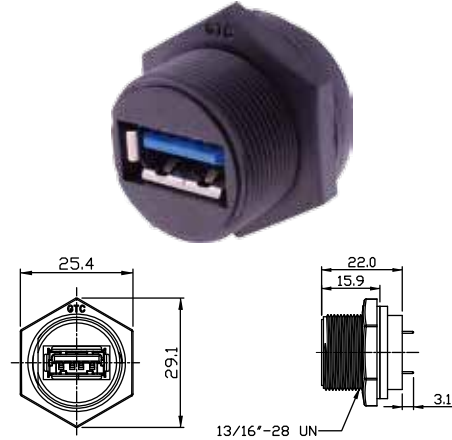
At Rear of Panel	Cable Length	Ordering No.
Dip Pin		GT112200-10
Dip Pin Right Angle		
USB-A Coupler		GT112200-30
USB-B Coupler		GT112200-40
Mini USB-B Coupler		
Mini USB-A Coupler Right Angle		
Blunt Cut	*	GT112200-03-XX
USB-A Plug Cable	*	
USB-A Receptacle Cable	*	
Mini USB-B Plug Cable	*	GT112200-07-XX
Mini USB-B Receptacle Cable	*	
USB-B Plug Cable	*	GT112200-09-XX

**C3 Micro USB-B 3.0 Plastic Panel Screw Type**



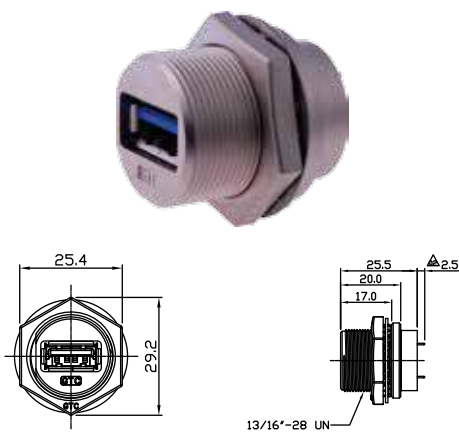
At Rear of Panel	Cable Length	Ordering No.
Dip Pin		GT119300-10
Micro USB-B 3.0 Coupler		GT119300-80
USB-A Coupler		
USB-B Coupler		
Mini USB-B Coupler		
Mini USB-A Coupler Right Angle		
Blunt Cut	*	
USB-A Plug Cable	*	
USB-A Receptacle Cable	*	
Mini USB-B Plug Cable	*	
Mini USB-B Receptacle Cable	*	
Micro USB-B 3.0 Plug Cable	*	GT119300-04-XX
Micro USB-B 3.0 Receptacle Cable	*	GT119300-07-XX

**C3 USB-A 3.0 Plastic Panel Screw Type**



At Rear of Panel	Cable Length	Ordering No.
Dip Pin		GT118300-10
Dip Pin Right Angle		
USB A 3.0 Coupler		GT118300-30
USB-B 3.0 Coupler		GT118300-40
Mini USB-B Coupler		
Blunt Cut	*	GT118300-01-XX
USB-A 3.0 Plug Cable	*	GT118300-02-XX
USB-A 3.0 Receptacle Cable	*	GT118300-03-XX

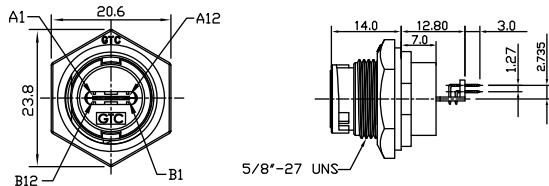
**C3 USB-A 3.0 Metal Panel Screw Type**



At Rear of Panel	Cable Length	Ordering No.
Dip Pin		GT218300-10
Dip Pin Right Angle		
USB A 3.0 Coupler		
USB-B 3.0 Coupler		
Mini USB-B Coupler		
Blunt Cut	*	GT218300-01-XX
USB-A 3.0 Plug Cable	*	GT218300-02-XX
USB-A 3.0 Receptacle Cable	*	GT218300-03-XX

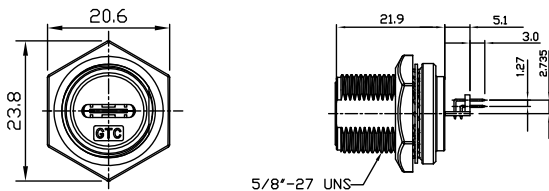
\* Cable & Wire Length Upon Request. Customization is available.

## C2 USB Type C 3.1 Plastic Lock Panel



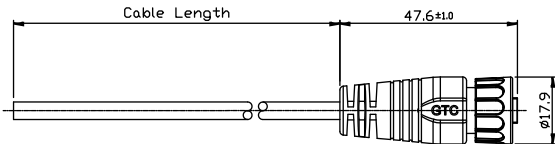
At Rear of Panel	Cable Length	Ordering No.
Dip Pin		GT111200-10
USB Type C 3.1 Coupler		GT111200-20
USB Type C Plug Cable	*	GT11C200-01-XX
USB Type C Female Cable	*	GT11C200-02-XX
USB Cable Blunt Cut	*	GT11C200-03-XX
USB A Plug Cable	*	
USB-A Receptacle Cable		
Mini USB-B Plug Cable		
Mini USB-B Receptacle Cable		
Micro USB-B 3.0 Plug Cable	*	GT11C200-08-XX
USB Type C Plug Cable Right Angle Right/Let	*	GT11C200-09-XX

## C2 USB Type C 3.1 Metal Screw Panel



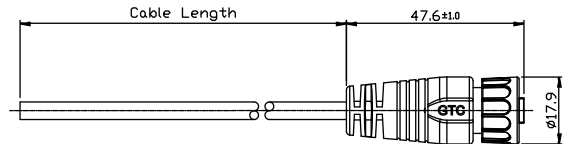
At Rear of Panel	Cable Length	Ordering No.
Dip Pin		GT21C300-10
DIP Pin 90°		GT21C300-20
USB Type C Plug Cable	*	GT21C300-01-XX
USB Type C Female Cable	*	GT21C300-02-XX
USB Type C 3.1 Cable Blunt Cut	*	GT21C300-03-XX
USB-A Plug Cable	*	
USB-A Receptacle Cable		
Mini USB-B Plug Cable		
Mini USB-B Receptacle Cable		
Micro USB-B 3.0 Plug Cable	*	
USB Type C Plug Cable Right Angle	*	GT21C300-09-XX

**C2 Micro USB-AB Plastic Plug Lock Type**



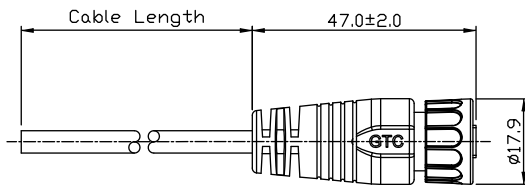
At Rear of Cable	Cable Length	Ordering No.
Blunt Cut	*	GT11A220-01-XX

**C2 Micro USB-B Plastic Plug Lock Type**



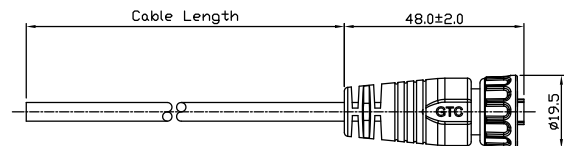
At Rear of Cable	Cable Length	Ordering No.
Blunt Cut	*	GT11B220-01-XX
USB-A Plug	*	GT11B220-05-XX
Micro USB-A Plug	*	GT11B220-0N-XX

**C2 Mini USB-B Plastic Plug Lock Type**



At Rear of Cable	Cable Length	Ordering No.
Blunt Cut	*	GT114220-01-XX
USB-A Plug Cable	*	GT114220-05-XX
USB-A Receptacle Cable	*	GT114220-06-XX
Mini USB-B Plug Cable	*	
Mini USB-B Receptacle Cable	*	GT114220-08-XX
USB-B Plug Cable	*	GT114220-09-XX

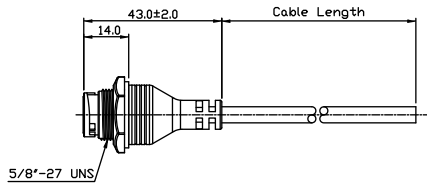
**C2 Mini USB-B Plastic Plug Screw Type**



At Rear of Cable	Cable Length	Ordering No.
Blunt Cut	*	GT114320-01-XX
USB-A Plug Cable	*	GT114320-05-XX
USB-A Receptacle Cable	*	
Mini USB-B Plug Cable	*	
Mini USB-B Receptacle Cable	*	
USB-B Plug Cable	*	GT114320-09-XX

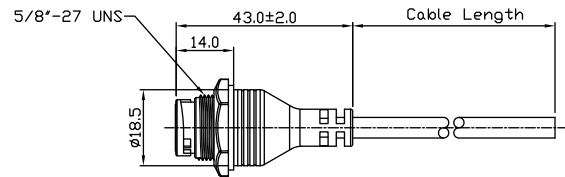
\* Cable & Wire Length Upon Request. Customization is available.

## C2 Micro USB-AB Plastic Cable-To-Cable Lock Type



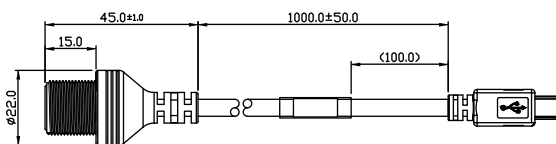
At Rear of Cable	Cable Length	Ordering No.
Blunt Cut	*	GT11A210-01-XX
Waterproof Micro USB-AB Cable to Cable Twin-Head	*	GT11A210-0M-XX

## C2 Mini USB-B Plastic Cable-To-Cable Lock Type



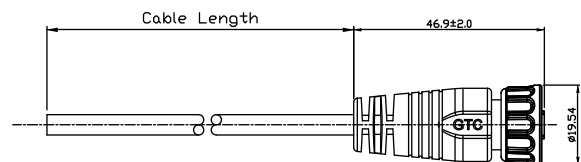
At Rear of Cable	Cable Length	Ordering No.
Blunt Cut	*	GT114210-01-XX
USB-A Plug Cable	*	GT114210-05-XX
USB-A Receptacle Cable	*	
Mini USB-B Plug Cable	*	GT11410-07-XX
Mini USB-B Receptacle Cable	*	
USB-B Plug Cable	*	

## C2 Mini USB-AB Plastic Cable-To-Cable Screw type



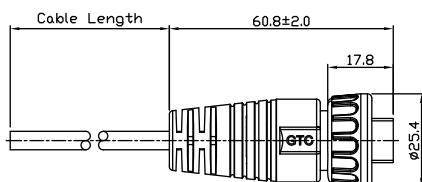
At Rear of Cable	Cable Length	Ordering No.
Blunt Cut	*	
USB-A Plug	*	
Micro USB-A Plug	*	
Mini USB-B Plug Cable	*	GT114310-07-XX
Mini USB-B Receptacle Cable	*	
USB-B Plug Cable	*	GT114310-09-XX

## C2 Mini USB-B Metal Plug Screw type



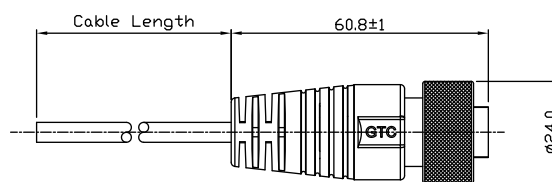
At Rear of Cable	Cable Length	Ordering No.
Blunt Cut	*	GT214320-01-XX
USB-A Plug Cable	*	GT214320-05-XX
USB-A Receptacle Cable	*	GT214320-06-XX
Mini USB-B Plug Cable	*	
Mini USB-B Receptacle Cable	*	GT214320-08-XX
USB-B Plug Cable	*	
Waterproof C4 USB-A Plug	*	GT214320-0C-XX

C3 USB-B Plastic Plug Screw Type



At Rear of Cable	Cable Length	Ordering No.
Blunt Cut	*	GT116320-01-XX
USB-A Plug Cable	*	GT116320-05-XX
USB-A Receptacle Cable	*	GT116320-06-XX
Mini USB-B Plug Cable	*	GT116320-07-XX
Mini USB-B Receptacle Cable	*	
USB-B Plug Cable	*	GT116320-09-XX

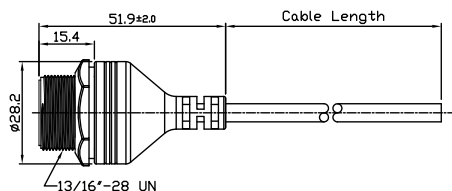
C3 USB-A Metal Plug Screw Type



At Rear of Cable	Cable Length	Ordering No.
Blunt Cut	*	GT216320-01-XX
Blunt Cut (Green Plating)	*	GT216320-01-XX (G)
USB-A Plug Cable	*	GT216320-05-XX
USB-A Receptacle Cable	*	GT216320-06-XX
Mini USB-B Plug Cable	*	GT216320-07-XX
Mini USB-B Receptacle Cable	*	
USB-B Plug Cable	*	GT216320-09-XX
Mini USB-A Plug	*	GT216320-1W-XX

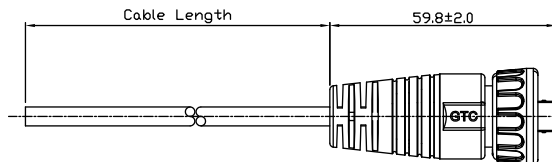
USB Series

C3 USB-A Plastic Cable-To-Cable Screw Type



At Rear of Cable	Cable Length	Ordering No.
Blunt Cut	*	GT116310-01-XX
USB-A Plug Cable	*	GT116310-05-XX
USB-A Receptacle Cable	*	GT116310-06-XX
Mini USB-B Plug Cable	*	GT116310-07-XX
Mini USB-B Receptacle Cable	*	
USB-B Plug Cable	*	GT116310-09-XX

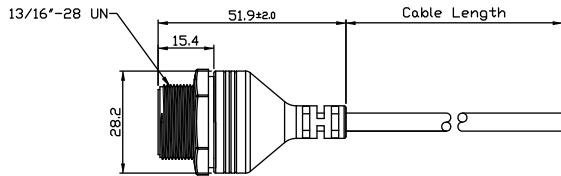
C3 USB-B Plastic Plug Screw Type



At Rear of Cable	Cable Length	Ordering No.
Blunt Cut	*	GT117320-01-XX
USB-A Plug Cable	*	GT117320-05-XX
USB-A Receptacle Cable	*	
Mini USB-B Plug Cable	*	
Mini USB-B Receptacle Cable	*	
USB-B Plug Cable	*	
Waterproof C4 USB-A plug	*	

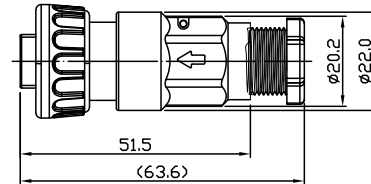
\* Cable & Wire Length Upon Request. Customization is available.

## C3 USB-B Plastic Plug Screw Type



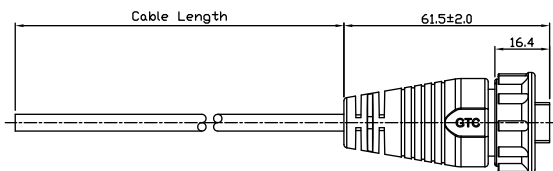
At Rear of Cable	Cable Length	Ordering No.
Blunt Cut	*	GT117310-01-XX
USB-A Plug Cable	*	GT117310-05-XX
USB-A Receptacle Cable	*	GT117310-06-XX
Mini USB-B Plug Cable	*	GT117310-07-XX
Mini USB-B Receptacle Cable	*	
USB-B Plug Cable	*	GT117310-09-XX

## C3 USB-A Plastic Plug Field Installable Screw Type



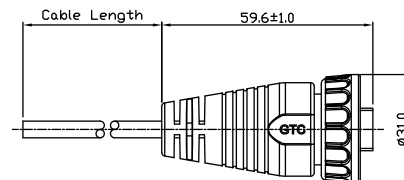
At Rear of Cable	Cable Length	Ordering No.
Waterproof USB-A 2.0 Plug Field Installable Type	*	GT116370-00

## C4 USB-A Plastic Plug Lock Type



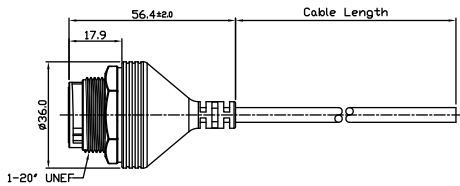
At Rear of Cable	Cable Length	Ordering No.
Blunt Cut	*	GT111220-01-XX
USB-A Plug Cable	*	GT111220-05-XX
USB-A Receptacle Cable	*	GT111220-06-XX
Mini USB-B Plug Cable	*	GT111220-07-XX
Mini USB-B Receptacle Cable	*	
USB-B Plug Cable	*	GT111220-09-XX

## C4 USB-A Metal Plug Screw Type



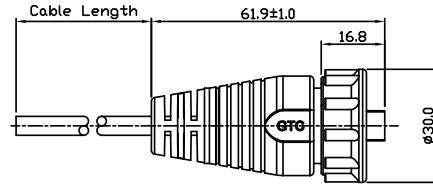
At Rear of Cable	Cable Length	Ordering No.
Blunt Cut	*	GT211320-01-XX
USB-A Plug Cable	*	GT211320-05-XX
USB-A Receptacle Cable	*	GT211320-06-XX
Mini USB-B Plug Cable	*	GT211320-07-XX
Mini USB-B Receptacle Cable	*	
USB-B Plug Cable	*	GT211320-09-XX
Mini USB-A Plug	*	GT211320-0C-XX

C4 USB-A Plastic Cable-To-Cable Lock Type



At Rear of Cable	Cable Length	Ordering No.
Blunt Cut	*	GT111210-01-XX
USB-A Plug Cable	*	GT111210-05-XX
USB-A Receptacle Cable	*	
Mini USB-B Plug Cable	*	GT111210-07-XX
Mini USB-B Receptacle Cable	*	
USB-B Plug Cable	*	GT111210-09-XX
Waterproof USB-A Plug Cable	*	GT111210-0C-XX

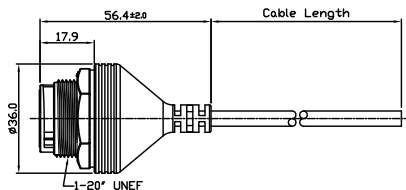
C4 USB-B Plastic Plug Lock Type



At Rear of Cable	Cable Length	Ordering No.
Blunt Cut	*	GT112220-01-XX
USB-A Plug Cable	*	GT112220-05-XX
USB-A Receptacle Cable	*	
Mini USB-B Plug Cable	*	
Mini USB-B Receptacle Cable	*	
USB-B Plug Cable	*	
Waterproof C4 USB-A plug	*	

USB Series

C4 USB-B Plastic Cable-To-Cable Lock Type

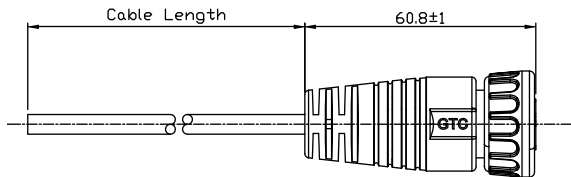


At Rear of Cable	Cable Length	Ordering No.
Blunt Cut	*	GT112210-01-XX
USB-A Plug Cable	*	
USB-A Receptacle Cable	*	
Mini USB-B Plug Cable	*	
Mini USB-B Receptacle Cable	*	
USB-B Plug Cable	*	GT112210-09-XX
Waterproof USB-B Cable to Cable Twin-Head	*	GT112210-0M-XX

\* Cable & Wire Length Upon Request. Customization is available.

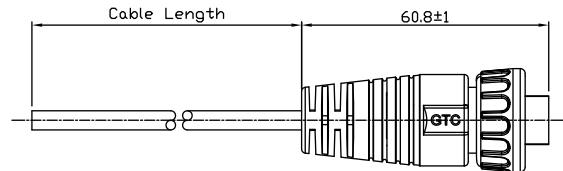


## C3 Micro USB-B Plastic Plug Screw Type



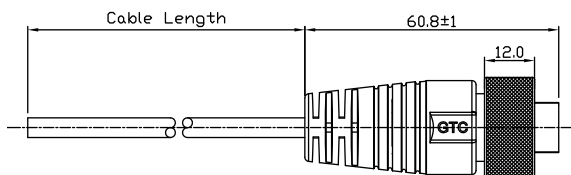
At Rear of Cable	Cable Length	Ordering No.
Blunt Cut	*	GT119320-01-XX
USB-A 3.0 Plug	*	GT119320-02-XX
USB-A 3.0 Receptacle	*	GT119320-03-XX
Mirco USB-B 3.0 Plug	*	GT119320-04-XX
Mirco USB-B 3.0 Receptacle	*	GT119320-07-XX

## C3 USB-A 3.0 Plastic Plug Screw Type



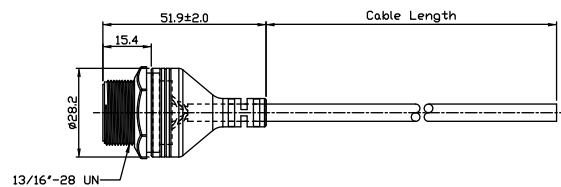
At Rear of Cable	Cable Length	Ordering No.
Blunt Cut	*	GT118320-01-XX
USB-A 3.0 Plug Cable	*	GT118320-02-XX
USB-B 3.0 Plug Cable	*	GT118320-05-XX
Waterproof USB-A 3.0 Plug Cable	*	GT118320-0M-XX

## C3 USB-A 3.0 Metal Plug Screw Type



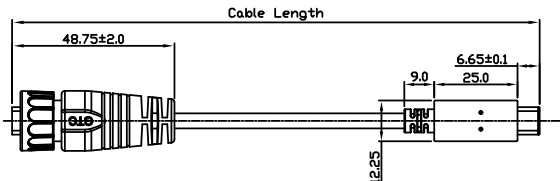
At Rear of Cable	Cable Length	Ordering No.
Blunt Cut	*	GT218320-01-XX
Blunt Cut (Green Plating)	*	GT218320-01-XX (G)
USB-A 3.0 Plug Cable	*	GT218320-02-XX
USB-A 3.0 Receptacle Cable	*	GT218320-03-XX
USB-B 3.0 Plug Cable	*	GT218320-04-XX
USB-B 3.0 Receptacle Cable	*	GT218320-05-XX

## C3 USB-A 3.0 Plastic Cable-To-Cable Screw Type



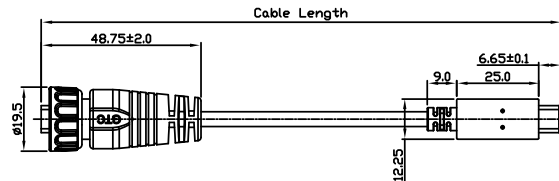
At Rear of Cable	Cable Length	Ordering No.
USB-A 3.0 Plug Cable	*	GT118310-02-XX
Blunt Cut	*	GT118310-03-XX
USB-A 3.0 Receptacle Cable	*	
Micro USB-B 3.0 Plug Cable	*	GT118310-04-XX
USB-B 3.0 Plug Cable	*	GT118310-05-XX

C2 USB Type C Plastic Plug LOCK



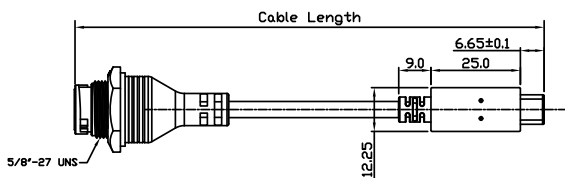
At Rear of Cable	Cable Length	Ordering No.
USB Type C Plug Cable	*	GT11C220-01-XX
USB Type C Female Cable	*	GT11C220-02-XX
USB Type C Twin-Head Plug Cable Lock	*	GT11C220-0M-XX

C2 USB Type C Metal Plug SCREW



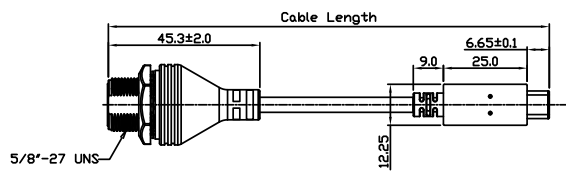
At Rear of Cable	Cable Length	Ordering No.
USB Type C Plug Cable	*	GT21C320-01-XX
USB Type C Female Cable	*	GT21C320-02-XX
USB-A 3.0 Plug Cable	*	GT21C320-03-XX
USB Type C Twin-Head Plug Cable Screw	*	GT21C320-0M-XX

C2 USB Type C Plastic Cable-To-Cable LOCK



At Rear of Cable	Cable Length	Ordering No.
USB Type C Plug Cable	*	GT11C210-01-XX
Blunt Cut	*	GT11C210-03-XX
	*	

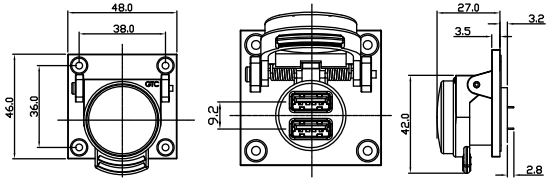
C2 USB Type C Metal Cable-To-Cable SCREW



At Rear of Cable	Cable Length	Ordering No.
USB Type C Plug Cable	*	GT21C310-01-XX

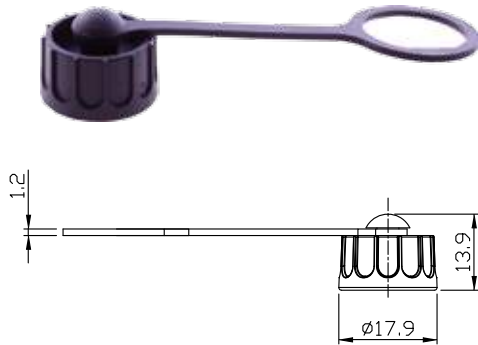
\* Cable & Wire Length Upon Request. Customization is available.

## C4 Dual USB 2.0 Square Flange Receptacle

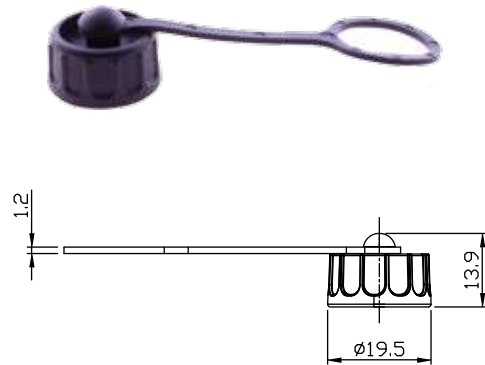


At Rear of Panel	Cable Length	Ordering No.
Blunt Cut	*	GT111443-04-XX

C2 USB Cap Plastic Lock Type



C2 Cap Plastic Screw Tyep



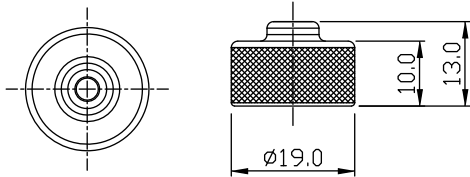
Appearance	Ordering No.
W/O Lanyard	GT1C121002
Metal Lanyard	
Ruber Lanyard Left D-Cut	GT1C121022
Plastic Lanyard Left D-Cut	GT1C121032
Ruber Lanyard Right D-Cut	
Plastic Lanyard Right D-Cut	
Metal Lanyard (M3 Screw)	GT1C121062
Mini USB Plug Side Cap	
Mini USB Receptacle Cable Molding Cap	

Appearance	Ordering No.
W/O Lanyard	GT1C523102
Metal Lanyard	GT1C523112
Ruber Lanyard Left D-Cut	GT1C523122
Plastic Lanyard Left D-Cut	GT1C523132
Ruber Lanyard Right D-Cut	
Plastic Lanyard Right D-Cut	
Metal Lanyard (M3 Screw)	GT1C523162
Mini USB Plug Side Cap	GT1C523222
Mini USB Receptacle Cable Molding Cap	GT1C523422

Cap No.	Mating Series No.

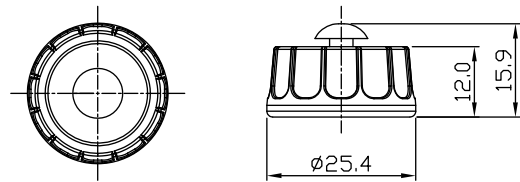
Cap No.	Mating Series No.
GT1C5231XX	GT11430X-XXXX
	GT11431X-XXXX
	GT15230X-XXXX
	GT15231X-XXXX

## C2 Cap Metal Screw Type



Appearance	Ordering No.
W/O Lanyard	GT2C123002
Metal Lanyard	GT2C123012
Ruber Lanyard Left D-Cut	
Plastic Lanyard Left D-Cut	
Ruber Lanyard Right D-Cut	
Plastic Lanyard Right D-Cut	
Metal Lanyard (M3 Screw)	
Mini USB Plug Side Cap	
Mini USB Receptacle Cable Molding Cap	

## C3 USB Cap Plastic Screw Type

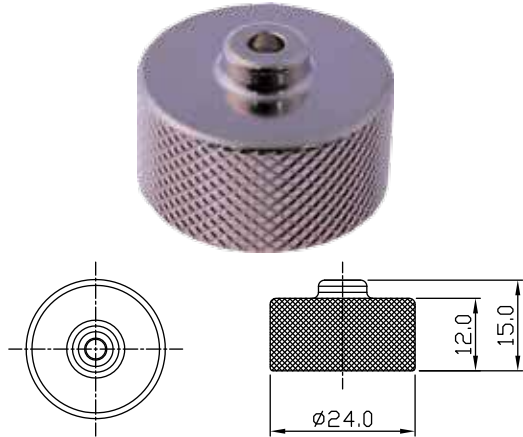


Appearance	Ordering No.
W/O Lanyard	GT1C533102
Metal Lanyard	GT1C533112
Ruber Lanyard Left D-Cut	GT1C533122
Plastic Lanyard Left D-Cut	GT1C533132
Ruber Lanyard Right D-Cut	
Plastic Lanyard Right D-Cut	GT1C533152
Metal Lanyard (M3 Screw)	GT1C533162
Mini USB Plug Side Cap	
Mini USB Receptacle Cable Molding Cap	

Cap No.	Mating Series No.

Cap No.	Mating Series No.
GT1C5331XX	GT11630X-XXXX
	GT11631X-XXXX
	GT12530X-XXXX
	GT12531X-XXXX
	GT5330X-XXXX
	GT15331X-XXXX
	GT216300-XXXX
	GT218300-XXXX
	GT22550X-XXXX
	GT22551X-XXXX

C3 USB Cap Metal Screw Type



Appearance	Ordering No.
W/O Lanyard	GT2C213002
Metal Lanyard	GT2C213012
Ruber Lanyard Left D-Cut	
Plastic Lanyard Left D-Cut	
Ruber Lanyard Right D-Cut	
Plastic Lanyard Right D-Cut	
Metal Lanyard (M3 Screw)	GT2C213062
Mini USB Plug Side Cap	
Mini USB Receptacle Cable Molding Cap	

C4 Cap Plastic Lock Type

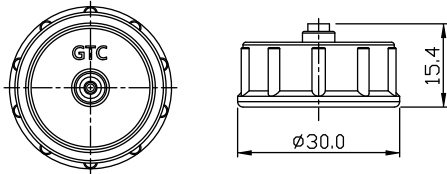


Appearance	Ordering No.
W/O Lanyard	GT1C111002
Metal Lanyard	
Ruber Lanyard Left D-Cut	GT1C111022
Plastic Lanyard Left D-Cut	GT1C111032
Ruber Lanyard Right D-Cut	
Plastic Lanyard Right D-Cut	
Metal Lanyard (M3 Screw)	
Mini USB Plug Side Cap	
Mini USB Receptacle Cable Molding Cap	

Cap No.	Mating Series No.
GT2C2130XX	GT216300-XXXX
	GT218300-XXXX
	GT12530X-XXXX
	GT12531X-XXXX
	GT5330X-XXXX
	GT15331X-XXXX
	GT22550X-XXXX
	GT22551X-XXXX

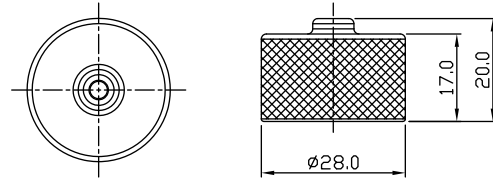
Cap No.	Mating Series No.

## C4 Cap Plastic Screw Type



Appearance	Ordering No.
W/O Lanyard	GT1C543102
Metal Lanyard	
Ruber Lanyard Left D-Cut	GT1C543122
Plastic Lanyard Left D-Cut	GT1C543132
Ruber Lanyard Right D-Cut	
Plastic Lanyard Right D-Cut	
Metal Lanyard (M3 Screw)	
Mini USB Plug Side Cap	
Mini USB Receptacle Cable Molding Cap	

## C4 Cap Metal Screw Type

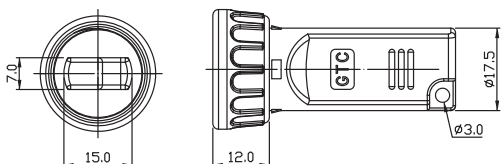


Appearance	Ordering No.
W/O Lanyard	GT2C113002
Metal Lanyard	GT2C113012
Ruber Lanyard Left D-Cut	
Plastic Lanyard Left D-Cut	
Ruber Lanyard Right D-Cut	
Plastic Lanyard Right D-Cut	
Metal Lanyard (M3 Screw)	GT2C113062
Mini USB Plug Side Cap	
Mini USB Receptacle Cable Molding Cap	

Cap No.	Mating Series No.
GT1C5431XX	GT15430X-XXXX
	GT15431X-XXXX
	GT21130X-XXXX

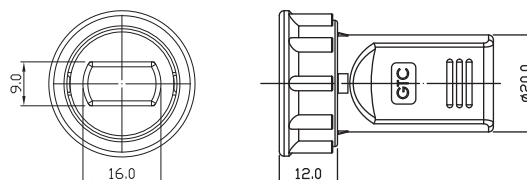
Cap No.	Mating Series No.

C3 USB Flash Drivers Cover Screw Type



Appearance	Ordering No.
C3 USB Flash Drives Cover	GT116380-00
C3 USB Flash Drives Cover	GT116380-00-30

C4 USB Flash Drivers Cover Lock Type



Appearance	Ordering No.
C4 USB Flash Drives Cover Lock	GT111280-00

Material	
Cover	PA66
Rubber Pad	Silicone
Screw Nut	PA66

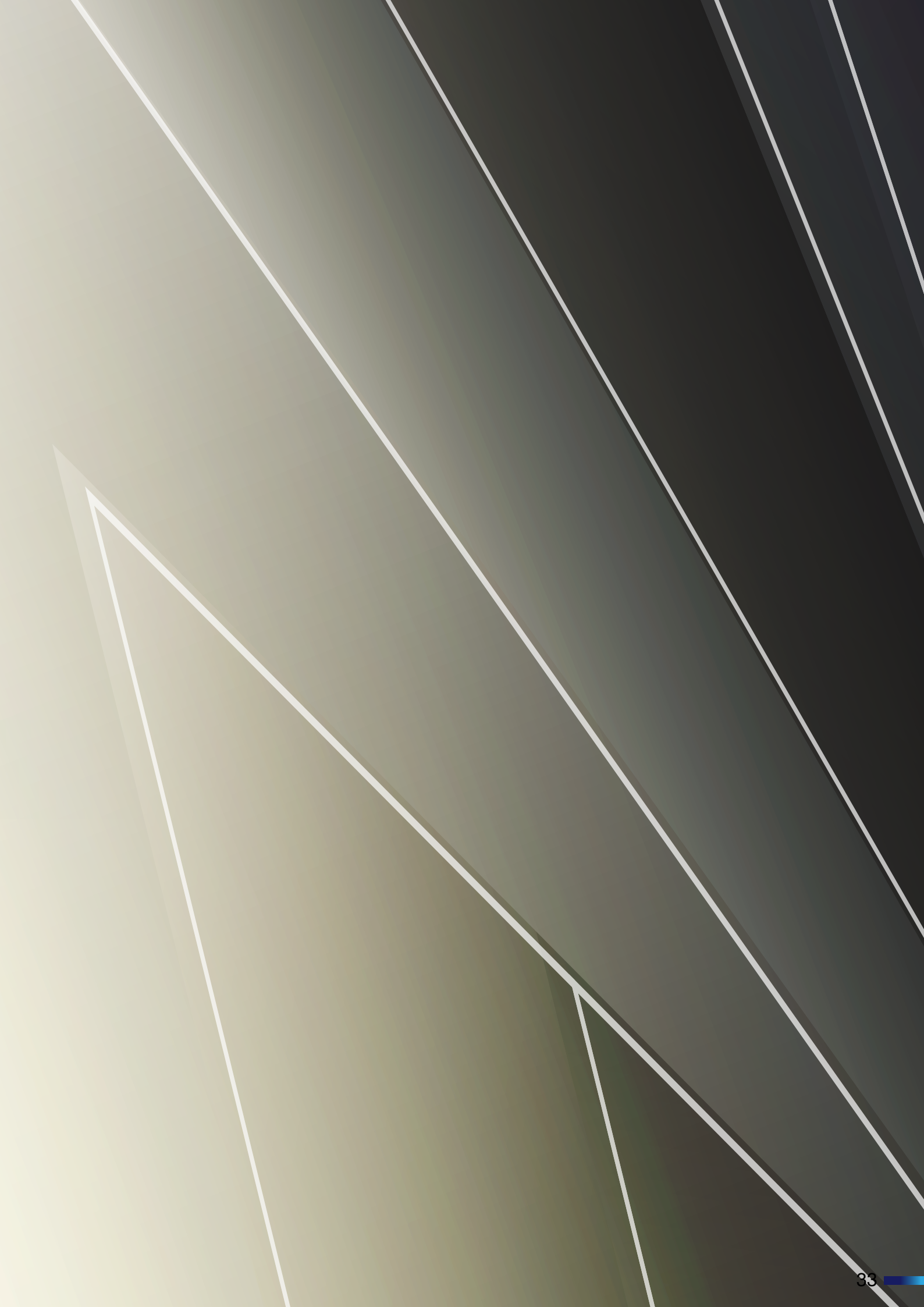
Material	
Cover	PA66
Rubber Pad	Silicone
Screw Nut	PA66



# RJ Series



**RJ45 Series**  
**RJ45 W/ LED Series**



## Panel Side

- 1. C3 RJ45 Panel side Plastic**  
**RJ45 Plastic Panel Screw Part No. GT1253 Series. 36**
- 2. C3 RJ45 Panel side Metal**  
**RJ45 Metal Panel Lock Part No. GT2252 Series. 36**  
**RJ45 Metal Panel Screw Part No. GT2255 Series. 37**

## Cable End Side

- 1. C3 RJ45 Cable End Plastic**  
**RJ45 Plastic Cable End Screw Part No. GT1253 Series. 37**
- 2. C3 RJ45 Cable End Metal**  
**RJ45 Metal Cable End Lock Part No. GT2252 Series 38**  
(PS: GT225360-00, GT225320-02-XX, GT225370-00 For Lock Panel)  
**RJ45 Metal Cable End Screw Part No. GT2255 Series. 38**
- 3. C3 RJ45 Cable End Plastic Field Installable**  
**RJ45 Plastic Field Installable Cable End Screw Part No. GT1253 Series. 38**
- 4. C3 RJ45 Cable End Metal Field Installable**  
**RJ45 Metal Field Installable Cable End Lock Part No. GT22523 Series. 39**  
(PS: GT225360-00, GT225320-02-XX,GT225370-00 For Lock Panel)  
**RJ45 Metal Field Installable Cable End Screw Part No. GT2253//GT2255 Series. 39**
- 5. C3 RJ45 Cable-To-Cable Plastic**  
**RJ45 Plastic Cable-To-Cable Screw Part No. GT12531 Series. 39**
- 6. RJ45 LED Plastic With 2A 6P Plastic**  
**C3 RJ45 LED Lamp Plastic With 2A 6P Cable-To-Cable SCREW Part No.: GT12A310 Series. 40**

## Cap

- 1. C3 Cap Plastic**  
**C3 Cap Plastic Lock Part No. GT1C213 Series. 41**  
**C3 Cap Plastic Screw Part No. GT1C533 Series. 41**
- 2. C3 Cap Metal**  
**C3 RJ45 Cap Metal Screw Part No. GT2C213 Series. 41**

## Material

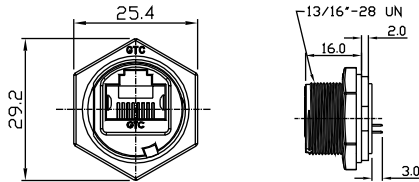
Panel Housing (Plastic // Metal )	PA66 // Zn Alloy, Ni Plating
RJ45 Receptacle Housing	Thermoplastic
RJ45 Receptacle Contacts	Coper Alloy, Au Plating
RJ45 Receptacle Shell	Coper Alloy, Ni Plating
EMI Plate	Coper Alloy, Ni Plating
Panel Gasket	Silicone
Panel Hex Nut ( Plastic // Metal)	PA66 // Zn Alloy, Ni Plating
Glue	Epoxy
Cable End Housing	Thermoplastic
Cable End Lock // Screw Nut (Plastic // Metal )	PA66 // Zn Alloy, Ni Plating
RJ45 Plug Housing	Thermoplastic
RJ45 Plug contacts	Copper Alloy , Au Plating
RJ45 Plug Shell	Copper Alloy or Cold Roller Steel , Ni Plating
Cable End Rubber Pad	Silicone
Inner Mold	Thermoplastic
Over Mold	PVC

## Technical Data

Insulation Resistance	DC500V±10%, test for 1 minute and the insulation resistance should be more than 100MΩ
Dielectric Withstanding Voltage	500V DC/AC peak, contact-to-contact, for 1 minute. 500 V DC/AC peak, contact-to-test panel or contact-to-shield for 1 minute.
Contact Resistance	20mΩ at 10mA Max.
Durability	Screw type 750 cycles, rate of 200 cycles per hour. Lock type 200 cycles, rate of 200 cycles per hour.
Thermal Shock	5 cycles at -40°C / +105°C, after the test, the function and appearance can't be impacted.
Waterproof Test	Submersion in water 1 meter for 30minutes.
Temperature Range	-40°C / +85°C
AWG Gauge	24 AWG ~ 26 AWG
Current Rating	1.5A

## RJ45 Plastic (Ethernet Connector Series)

### C3 RJ45 Plastic Panel Screw Type

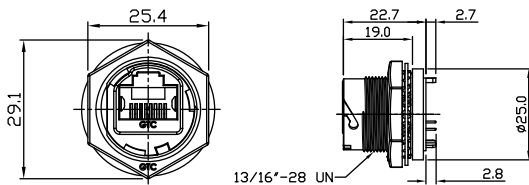


At Rear of Panel	Cable Length	Ordering No.
RJ45 Shielded Panel Jack DIP		GT125300-10
RJ45 Shielded Panel Jack 90° DIP		GT125300-20
RJ45 Shielded Panel Jack Coupler		GT125300-30
RJ45 Shielded Panel Jack Coupler 90°		GT125300-40
RJ45 Shielded Panel with Cable+RJp lug	*	GT125300-03-XX

At Rear of Panel	Cable Length	Ordering No.
RJ45 Shielded with Pig Tail Plug Cable	*	
RJ45 Shielded with Outside PCB Pig Tail Plug Cable	*	GT125300-05-XX
RJ45 Cat 5E Blunt Cut	*	GT125300-09-XX

## RJ45 Metal (Ethernet Connector Series)

### C3 RJ45 Metal Panel Lock Type

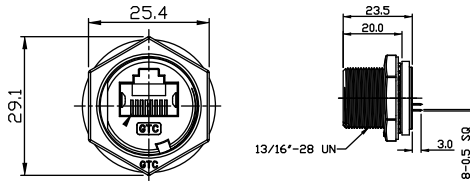


At Rear of Panel	Cable Length	Ordering No.
RJ45 Shielded Panel Jack DIP		GT225200-10
RJ45 Shielded Panel Jack 90° DIP		GT225500-20
RJ45 Shielded Panel Jack Coupler		GT225200-30
RJ45 Shielded Panel Jack Coupler 90°		GT225200-40
RJ45 Shielded Panel with Cable+RJ plug	*	GT225200-03-XX

At Rear of Panel	Cable Length	Ordering No.
RJ45 Shielded with Pig Tail Plug Cable	*	GT225200-04-XX
RJ45 Shielded with Outside PCB Pig Tail Plug Cable	*	GT225200-05-XX
RJ45 Cat 5E Blunt Cut	*	GT225200-09-XX

# RJ45 Metal (Ethernet Connector Series)

## C3 RJ45 Metal Panel Screw Type

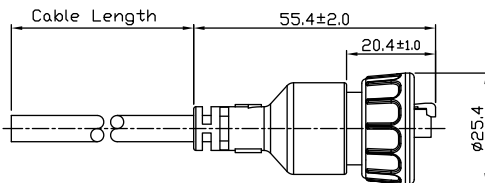


At Rear of Panel	Cable Length	Ordering No.
RJ45 Shielded Panel Jack DIP		GT225500-10
RJ45 Shielded Panel Jack 90° DIP		GT225500-20
RJ45 Shielded Panel Jack Coupler		GT225500-30
RJ45 Shielded Panel Jack Coupler 90°		GT225500-40
RJ45 Shielded Panel with Cable+RJ plug	*	GT225500-03-XX

At Rear of Panel	Cable Length	Ordering No.
RJ45 Shielded with Pig Tail Plug Cable	*	GT225200-04-XX
RJ45 Shielded with Outside PCB Pig Tail Plug Cable	*	GT225500-05-XX
RJ45 Cat 5E Blunt Cut	*	GT225500-09-XX

# RJ45 Plastic (Ethernet Connector Series)

## C3 RJ45 Plastic Plug Screw Type

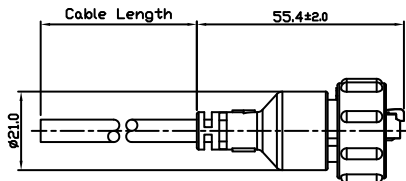


At Rear of Cable	Cable Length	Ordering No.
RJ45 Cat 5E Blunt Cut		GT125320-02-XX
RJ45 Shilded Plug Cable	*	GT125320-06-XX
RJ45 Shielded Twin-Head Waterproof Plug with Cable	*	GT125320-07-XX

RJ Series

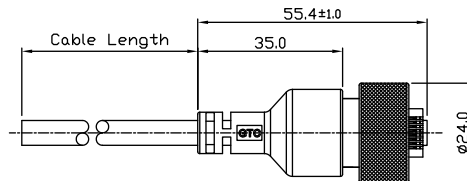
## RJ45 Metal (Ethernet Connector Series)

### C3 RJ45 Metal Plug Lock Type



At Rear of Cable	Cable Length	Ordering No.
RJ45 Shielded Blunt Cut		GT225220-02-XX
RJ45 Shielded Plug with Cable+RJ plug	*	GT225220-06-XX
RJ45 Shielded Twin-Head Waterproof Plug Cable	*	GT225220-07-XX

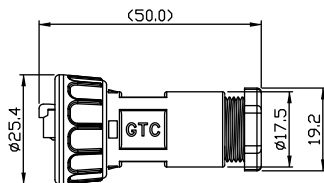
### C3 RJ45 Metal Plug Screw Type



At Rear of Cable	Cable Length	Ordering No.
RJ45 Shielded Blunt Cut	*	GT225520-02-XX
RJ45 Shielded Plug with Cable+RJ plug	*	GT225520-06-XX
RJ45 Shielded Twin-Head Waterproof Plug Cable	*	GT225520-07-XX
RJ45 Shielded Plug with Grey Cable For Lock Panel	*	GT225320-01-XX
RJ45 Shielded Plug with Cable For Lock Panel	*	GT225320-02-XX
RJ45 Shielded Plug with Cable+RJ45 For Lock Panel	*	GT225320-06-XX
RJ45 Shielded Twin-Head Waterproof Plug Cable For Lock Panel	*	GT225320-07-XX

## RJ45 Plastic (Ethernet Connector Series)

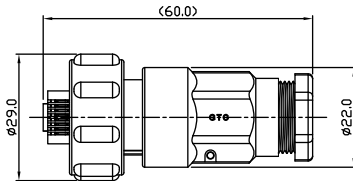
### C3 RJ45 Plastic Field Installable Plug Screw Type



At Rear of Cable	Cable Length	Ordering No.
RJ45 Plug Field Installable W/O Plug		GT125350-00
RJ45 Plug Easy Field Installable		GT125360-00
RJ45 Plug Easy Field Installable		GT125360-A0
RJ45 Plug Easy Field Installable W/O Plug		GT125380-00
RJ45 Plug Easy Field Installable W/O Logo		GT125390-00

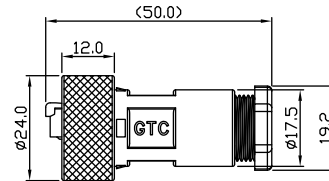
# RJ45 Metal (Ethernet Connector Series)

## C3 RJ45 Metal Plug Lock Type



At Rear of Cable	Cable Length	Ordering No.
RJ45 Metal Shilded E1 Field Installable Cable End Lock		GT225230-00

## C3 RJ45 Metal Panel Screw Type

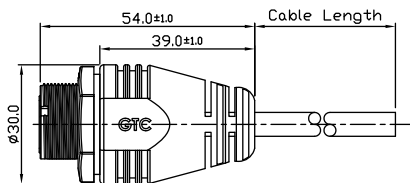


At Rear of Cable	Cable Length	Ordering No.
RJ45 Metal Shilded E1 Field Installable Cable End Screw		GT225560-00
RJ45 Metal Shilded Field Installable Cable End Screw Metal Body		GT225570-00
RJ45 Metal Shilded E1 Field Installable Cable End Screw for Lock Panel		GT225360-00
RJ45 Metal Shilded E1 Field Installable Cable End Plug Screw with Cable		GT225360-07-XX
RJ45 Metal Shilded Field Installable Cable End Screw Metal Body For Lock Panel		GT225370-00

RJ Series

# RJ45 Plastic (Ethernet Connector Series)

## C3 RJ45 Plastic Cable-To-Cable Screw Type

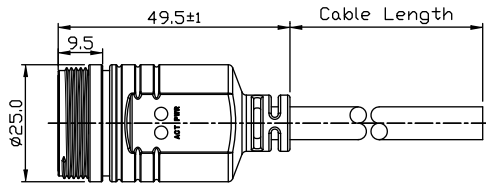


At Rear of Cable	Cable	Ordering No.
RJ45 Shilded Blunt Cut		GT125310-02-XX
RJ45 Shilded cable to cable with Cable+RJ45plug	*	GT1253120-06-XX
RJ45 Shilded Twin-Head Waterproof Plug Cable	*	GT125210-07-XX

\* Cable & Wire Length Upon Request. Customization is available.



## C3 RJ45 LED Lamp With 2A 6P Plastic Cable-To-Cable Screw Type



At Rear of Panel	Cable Length	Ordering No.
RJ45 LED Cable-To-Cable Jack Screw	*	GT12A310-5D-XX
RJ45 LED With 2A 2P Plastic Cable-to-Cable Jack Screw	*	GT12A310-6D-XX
RJ45 LED With 2A 4P Plastic Cable-to-Cable Jack Screw	*	GT12A310-7D-XX
RJ45 LED With 2A 6P Plastic Cable-to-Cable Jack Screw	*	GT12A310-8D-XX

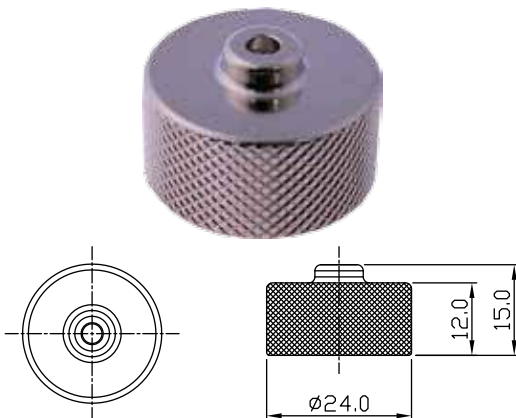
## C3 RJ45 Plastic Cap Screw Type



At Rear of Panel	Ordering No.	Cap No.	Mating Series No.
C3 RJ45 Screw Cap Without Lanyard	GT1C533102	GT1C5331XX	GT11630X-XXXX GT11631X-XXXX
C3 RJ45 Screw Cap Metal Lanyard	GT1C533112		GT12530X-XXXX GT12531X-XXXX
C3 RJ45 Screw Cap Plastic Lanyard	GT1C533132		GT5330X-XXXX GT15331X-XXXX
C3 RJ45 Screw Cap Plastic Lanyard Right D-Cut	GT1C533152		GT216300-XXXX GT218300-XXXX
C3 RJ45 Screw Cap Metal Lanyard (M3 Screw)	GT1C533162		GT22550X-XXXX GT22551X-XXXX

# RJ45 Metal (Ethernet Connector Series)

## C3 RJ45 Metal Cap Screw Type



At Rear of Panel	Ordering No.	Cap No.	Mating Series No.
C3 RJ45 Screw Cap W/O Chain	GT2C213002	GT2C2130XX	GT216300-XXXX GT218300-XXXX
C3 RJ45 Screw Cap Metal Chain	GT2C213012		GT12530X-XXXX GT12531X-XXXX
C3 RJ45 Screw Cap Metal Chain M4 Screw	GT2C213062		GT5330X-XXXX GT15331X-XXXX
C3 RJ46 Screw Cap For Cable End Metal Chain	GT2C213212		GT22550X-XXXX GT22551X-XXXX
C3 RJ46 Screw Cap For Cable End Plastic Chain	GT2C213232		GT22551X-XXXX

# Sensor Series

(M5, M8, M12)



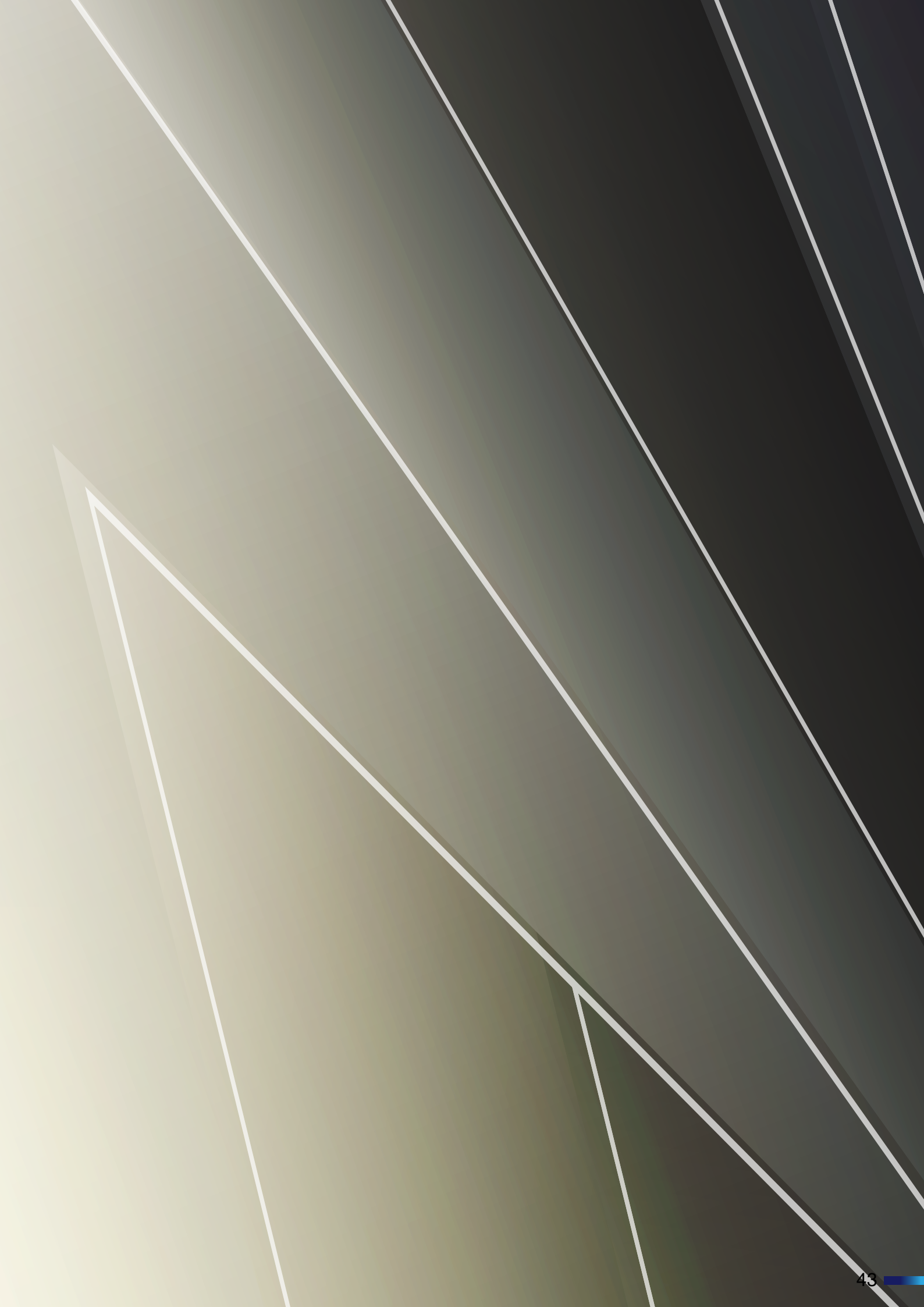
**M5 (1A) Series**

**M8 (1.5A, 3A) Series**

**M12 A-coding (1.5A, 2A, 4A) Series**

**M12 B-coding (4A) Series**

**M12 D-coding (4A) Series**



## M5

### 1. Panel Side

M5 Metal Panel Rear Mount Female Solder Part No. GT231103 Series.	48
M5 Metal Panel Rear Mount Male Solder Part No. GT231113 Series.	48

### 2. Cabel End

M5 Metal Cable end Female Part No. GT2311A Series	48
M5 Metal Cable end Male Part No. GT2311B Series	48

## M8

### 1. Panel Side

M8 Metal A-coding Panel Rear Mount Female Solder Part No. GT232103 Series	49
M8 Metal A-coding Panel Rear Mount Male Solder Part No. GT232113 Series	49

### 2.

M8 Metal A-coding Panel Rear Mount Female DIP Part No. GT232103 Series	49
M8 Metal A-coding Panel Rear Mount Male DIP Part No. GT232113 Series	49

### 3.

M8 Metal B-coding Panel Rear Mount Female Solder Part No. GT232203 Series.	50
M8 Metal B-coding Panel Rear Mount Male Solder Part No. GT232213 Series.	50

### 4.

M8 Metal B-coding Panel Rear Mount Female DIP Part No. GT232203 Series	50
M8 Metal B-coding Panel Rear Mount Male DIP Part No. GT232213 Series.	50

### 5.

M8 Metal A-coding Cable end Female with Cable Part No. GT232124 Series.	51
M8 Metal A-coding Cable end Female with Cable Part No. GT232134 Series.	51

### 6.

M8 Metal B-coding Cable end Female with Cable Part No. GT232224 Series.	52
M8 Metal B-coding Cable end Female with Cable Part No. GT232234 Series.	52

## M12

### 1. Panel Side

M12 Plastic A-Coding Panel Male Part No. GT13411 Series.	53
M12 Plastic D-Coding Panel Male Part No. GT13441 Series.	53

### 2.

M12 Metal A-Coding Panel Female Solder Part No. GT234102 Series	53
M12 Metal A-Coding Panel Male Solder Part No. GT234112 Series.	54

**M12**

3.	M12 Metal A-Coding Panel Female DIP Part No.GT234102 Series.	54
	M12 Metal A-Coding Panel Male DIP Part No.GT234112 Series.	55
4.	M12 Metal D-coding Female Solder Part No.GT234402 Series.	56
	M12 Metal D-coding Male Solder Part No.GT234412 Series.	56
5.	M12 Metal D-coding Female DIP Part No.GT234402 Series.	56
	M12 Metal D-coding Female DIP Part No.GT234412 Series.	56
6. Cable End	M12 Plastic A-Coding Cable end Female Part No.GT13412 Series.	57
	M12 Plastic A-Coding Cable end Male Part No.GT13413 Series.	57
7.	M12 Metal A-coding Female with cable Part No.GT234124 Series.	57
	M12 Metal A-coding Male with cable Part No.GT234134 Series.	58
8.	M12 Metal A-code Field Installable Female Part No.GT234144 Series.	58
	M12 Metal A-code Field Installable Male Part No.GT234154 Series.	58
9. Cable End	M12 Metal B-coding Cable end Female with cable Part No.GT234224 Series.	59
	M12 Metal B-coding Cable end Male with cable Part No.GT234234 Series.	59
10. Cable End	M12 Plastic D-Coding Cable end Female Part No.GT13442 Series.	59
	M12 Plastic D-Coding Cable end Male Part No.GT13443 Series.	59
11. Cable End	M12 Metal D-coding Cable end Female with cable Part No.GT234424 Series.	60
	M12 Metal D-coding Cable end Male with cable Part No.GT234434 Series.	60
12.	M12 Metal D-code Field Installable Female Part No.GT234444 Series.	60
	M12 Metal D-code Field Installable Male Part No.GT234454 Series.	60
13.	M12 Metal A-Coding Panel Female solder Shield Part No.GT238102 Series.	61
	M12 Metal A-Coding Panel Male solder Shield Part No.GT238112 Series.	61

# Project

## M12

14.

M12 Metal A-coding Cable end Female with cable Shielded Part No.GT238124 Series.61

M12 Metal A-coding Cable end Male with cable Shielded Part No.GT238134 Series. 62

## Cap

1. M5 CAP

Cap Plastic for M5 Female Part No.GT5C3140 Series. 63

Cap Plastic for M5 Male Part No.GT5C3141 Series. 63

2. M8 CAP

Cap Plastic for M8 Female Panel Part No.GT1C3230 Series. 63

Cap Plastic for M8 Male Panel Part No.GT1C3231 Series. 63

3. M12 CAP

Cap Plastic for M12 Female end Part No.GT1C3430 Series. 64

Cap Plastic for M12 Male end Part No.GT1C3431 Series. 64

## Material

	M5	M8
Panel Base/Cover	PA66	PA66
Panel Housing	Copper Alloy , Ni Plated	Copper Alloy , Ni Plated
Panel Contacts	Copper Alloy , Au Plated	Copper Alloy , Au Plated
Panel O-Ring	NBR	NBR
Glue	Epoxy	Epoxy
Cable End Base // Cover	Thermoplastic	Thermoplastic
Cable End Screw Nut	Copper Alloy , Ni Plated	Copper Alloy , Ni Plated
Cable End O-Ring	NBR	NBR
Cable End Contacts	Copper Alloy , Au Plated	Copper Alloy , Au Plated
Cable End Inner Mold		Thermoplastic
Cable End Over Mold	PVC&TPU	PVC

## Technical Data

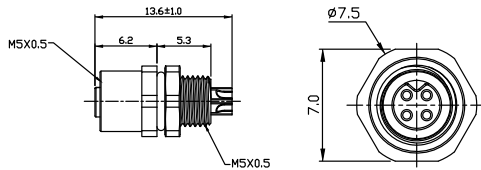
Insulation Resistance	Voltage 500V±15 VDC Method A, Be more than 100MΩ			Voltage 500V±15 VDC Method A, Be more than 100MΩ				
Contact Resistance	10mΩ At 10mA Max.			10mΩ at 10mA Max.				
Waterproof Test	Submersion in water 1 meter for 24 hours			Submersion in water 1 meter for 24 hours				
Temperature Range	-25°C / +85°C			-25°C / +85°C				
Number Of Contacts	2	3	4	3	4	5	6	8
Wire Guage	24AWG~30AWG			22AWG-26AWG			24AWG	
Current Rating	1A			3A			1.5A	
Voltage				60V AC/DC		30V AC/DC		

Material	
	M12
	Plastic Metal
Panel Base/Cover	PA66
Panel Housing	PA66 Copper Alloy , Ni Plated
Panel Contacts	Copper Alloy , Au Plated
Panel O-Ring	Silicone
Glue	Epoxy
Cable End Base // Cover	PA66
Cable End Screw Nut	PA66 Copper Alloy , Ni Plated
Cable End O-Ring	Silicone
Cable End Contacts	Copper Alloy , Au Plated
Cable End Inner Mold	PE
Cable End Over Mold	PVC

Technical Data					
Insulation Resistance	Test Voltage 500V±15 VDC Method A, Be more than 100MΩ				
Contact Resistance	10mΩ at 10mA Max.				
Waterproof Test	Submersion in water 1 meter for 24 hours				
Temperature Range	-25°C / +85°C				
Number Of Contacts	2-4	5	6-8	9-12	17
Wire Guage	18~24AWG		22~28AWG	24~28AWG	24~28AWG
Current Rating	4A		2A	1.5A	1.5A
Voltage	250V AC/DC	60V AC/DC	30V AC/DC	30V AC/DC	30V AC/DC

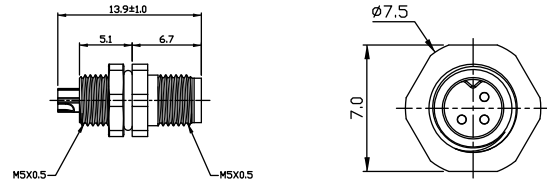


## M5 Panel Rear Mount Female Solder



At Rear of Panel	Cable Length	Ordering No.
M5 1A 2P Panel Rear Mount Female Solder		GT231103-05020
M5 1A 3P Panel Rear Mount Female Solder		GT231103-05030
M5 1A 4P Panel Rear Mount Female Solder		GT231103-05040
M5 1A 2P Panel Rear Mount Female DIP		GT231103-15020
M5 1A 3P Panel Rear Mount Female DIP		GT231103-15030
M5 1A 4P Panel Rear Mount Female DIP		GT231103-01040

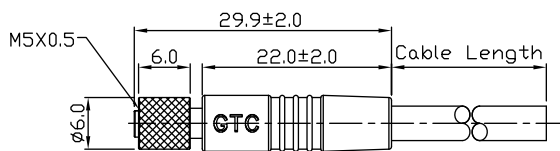
## M5 Panel Rear Mount Male Solder



At Rear of Panel	Cable Length	Ordering No.
M5 1A 3P Panel Rear Mount Male Solder		GT231113-05030
M5 1A 4P Panel Rear Mount Male Solder		GT231113-05040

## M5 Cable end Female

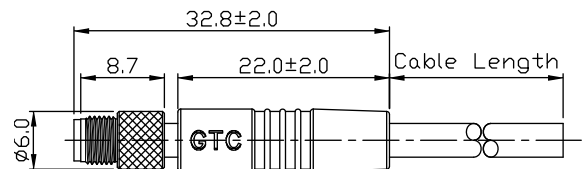
\*Low Press Molding (LPM)



At Rear of Cable	Cable Length	Ordering No.
M5 1A 3P Cable end Female with Cable Blunt Cut	*	GT2311A4-05031-XX
M5 1A 4P Cable end Female with Cable Blunt Cut	*	GT2311A4-05041-XX
M5 1A 3P Cable end Female with PU Cable Blunt Cut	*	GT2311A4-05038-XX
M5 1A 4P Cable end Female with PU Cable Blunt Cut	*	GT2311A4-05048-XX
M5 1A 3P Cable end 90° Female with Cable Blunt Cut	*	GT2311A5-05031-XX
M5 1A 4P Cable end 90° Female with Cable Blunt Cut	*	GT2311A5-05041-XX
M5 1A 3P Cable end 90° Female with PU Cable Blunt Cut	*	GT2311A5-05038-XX
M5 1A 4P Cable end 90° Female with PU Cable Blunt Cut	*	GT2311A5-05048-XX

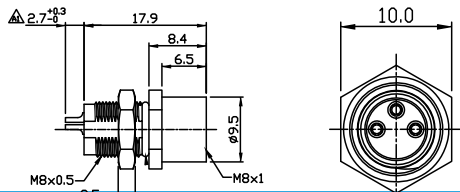
## M5 Cable end Male

\*Low Press Molding (LPM)



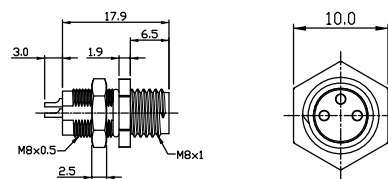
At Rear of Cable	Cable Length	Ordering No.
M5 1A 2P Cable end Male with Cable Blunt Cut	*	GT2311B4-05021-XX
M5 1A 3P Cable end Male with Cable Blunt Cut	*	GT2311B4-05031-XX
M5 1A 4P Cable end Male with Cable Blunt Cut	*	GT2311B4-05041-XX
M5 1A 3P Cable end Male with PU Cable Blunt Cut	*	GT2311B4-05038-XX
M5 1A 4P Cable end Male with PU Cable Blunt Cut	*	GT2311B4-05048-XX
M5 1A 3P Cable end 90° Female with Cable Blunt Cut	*	GT2311B5-05031-XX
M5 1A 4P Cable end 90° Female with Cable Blunt Cut	*	GT2311B5-05041-XX
M5 1A 3P Cable end 90° Female with PU Cable Blunt Cut	*	GT2311B5-05038-XX
M5 1A 4P Cable end 90° Female with PU Cable Blunt Cut	*	GT2311B5-05048-XX

## M8 A-coding Panel Rear Mount Female Solder



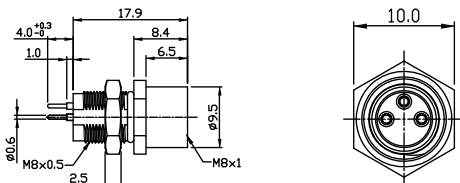
At Rear of Panel	Cable Length	Ordering No.
M8 A-coding 3A 3P Panel Rear Mount Female Solder		GT232103-03030
M8 A-coding 3A 4P Panel Rear Mount Female Solder		GT232103-03040

## M8 A-coding Panel Rear Mount Male Solder



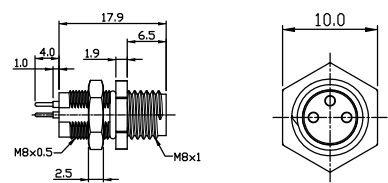
At Rear of Panel	Cable Length	Ordering No.
M8 A-coding 3A 3P Panel Rear Mount Male Solder		GT232113-03030
M8 A-coding 3A 4P Panel Rear Mount Male Solder		GT232113-03040
M8 A-Coding 3A 3P Panel Front Mount Male Solder		GT232112-03030
M8 A-Coding 3A 4P Panel Front Mount Male Solder		GT232112-03040

## M8 A-coding Panel Female Dip



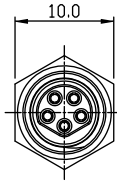
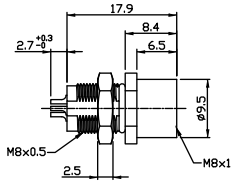
At Rear of Panel	Cable Length	Ordering No.
M8 A-coding 3A 3P Panel Rear Mount Female Dip		GT232103-13030
M8 A-coding 3A 4P Panel Rear Mount Female Dip		GT232103-13040
M8 A-coding 1.5A 6P Panel Rear Mount Female DIP		GT232103-14060
M8 A-coding 1.5A 8P Panel Rear Mount Female DIP		GT232103-14080

## M8 A-coding Panel Dip



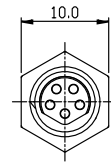
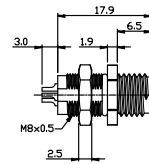
At Rear of Panel	Cable Length	Ordering No.
M8 A-coding 3A 3P Panel Rear Mount Male Dip		GT232113-13030
M8 A-coding 3A 4P Panel Rear Mount Male Dip		GT232113-13040

M8 B-coding Panel Rear Mount Female Solder



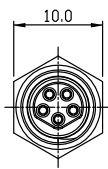
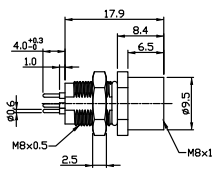
At Rear of Panel	Cable Length	Ordering No.
M8 B-coding 3A 5P Panel Rear Mount Female Solder		GT232203-03050

M8 B-coding Panel Rear Mount Male Solder



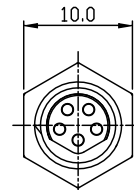
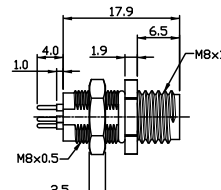
At Rear of Panel	Cable Length	Ordering No.
M8 B-coding 3A 5P Panel Front Mount Male Solder		GT232212-03050
M8 B-coding 3A 5P Panel Rear Mount Male Solder		GT232213-03050

M8 B-coding Panel Rear Mount Female Dip



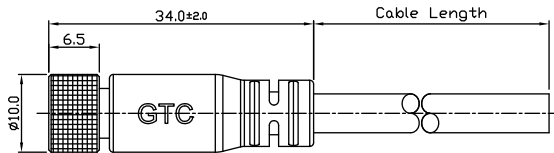
At Rear of Panel	Cable Length	Ordering No.
M8 B-coding 3A 5P Panel Rear Mount Female Dip		GT232203-13050

M8 B-coding Panel Rear Mount Male Dip



At Rear of Panel	Cable Length	Ordering No.
M8 B-coding 3A 5P Panel Front Mount Male Dip		GT232212-13050
M8 B-coding 3A 5P Panel Rear Mount Male Dip		GT232213-13050

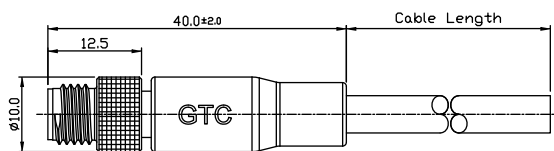
## M8 A-coding Cable end Female with Cable \*Low Press Molding (LPM)



At Rear of Cable	Cable Length	Ordering No.
M8 A-coding 3A 3P Cable end Female with Cable Blunt Cut	*	GT232124-23031-XX
M8 A-coding 3A 4P Cable end Female with Cable Blunt Cut	*	GT232124-23041-XX
M8 A-coding 3A 3P Cable end 90° Female with Cable Blunt Cut	*	GT232125-23031-XX
M8 A-coding 3A 4P Cable end 90° Female with Cable Blunt Cut	*	GT232125-23041-XX

At Rear of Panel	Cable Length	Ordering No.
M8 A-coding 3A 3P Cable end W/O SR Female with Cable Blunt Cut	*	GT2321A4-23031-XX
M8 A-coding 3A 4P Cable end W/O SR Female with Cable Blunt Cut	*	GT2321A4-23041-XX
M8 A-coding 3A 3P Cable end W/O SR 90° Female with Cable Blunt Cut	*	GT2321A5-23031-XX
M8 A-coding 3A 4P Cable end W/O SR 90° Female with Cable Blunt Cut	*	GT2321A5-23041-XX

## M8 A-coding Cable end Male with Cable \*Low Press Molding (LPM)

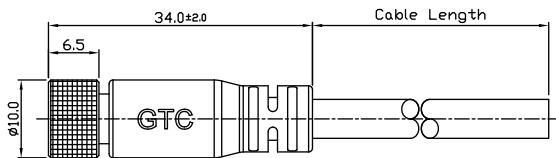


At Rear of Cable	Cable Length	Ordering No.
M8 A-coding 3A 3P Cable end Male with Cable Blunt Cut	*	GT232134-03031-XX
M8 A-coding 3A 4P Cable end Male with Cable Blunt Cut	*	GT232134-03041-XX
M8 A-coding 3A 3P Cable end 90° Male with Cable Blunt Cut	*	GT232135-03031-XX
M8 A-coding 3A 4P Cable end 90° Male with Cable Blunt Cut	*	GT232135-03041-XX

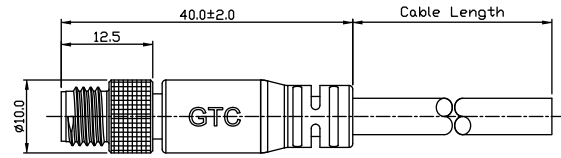
At Rear of Cable	Cable Length	Ordering No.
M8 A-coding 3A 3P Cable end W/O SR Male with Cable Blunt Cut	*	GT2321B4-03031-XX
M8 A-coding 3A 4P Cable end W/O SR Male with Cable Blunt Cut	*	GT2321B4-03041-XX
M8 A-coding 3A 3P Cable end W/O 90° Male with Cable Blunt Cut	*	GT2321B5-03031-XX
M8 A-coding 3A 4P Cable end W/O 90° Male with Cable Blunt Cut	*	GT2321B5-03041-XX
M8 A-coding 1.5A 6P Cable end Male with Cable Blunt Cut	*	GT232134-24061-XX
M8 A-coding 1.5A 8P Cable end Male with Cable Blunt Cut	*	GT232134-24081-XX

\* Cable & Wire Length Upon Request. Customization is available.

**M8 B-coding Cable end Female with Cable**  
\*Low Press Molding (LPM)



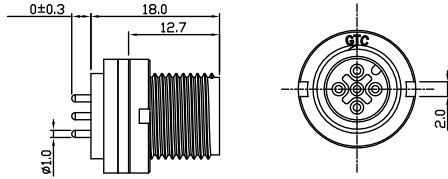
**M8 B-coding Cable end Male with Cable**  
\*Low Press Molding (LPM)



At Rear of Cable	Cable Length	Ordering No.
M8 B-coding 3A 5P Cable end Female with Cable Blunt Cut	*	GT232224-23051-XX
M8 B-coding 3A 5P Cable end 90° Female with Cable Blunt Cut	*	GT232225-23051-XX
M8 B-coding 3A 5P Cable end W/O SR Female with Cable Blunt Cut	*	GT2322A4-23051-XX
M8 B-coding 3A 5P Cable end W/O SR 90° Female with Cable Blunt Cut	*	GT2322A5-23051-XX

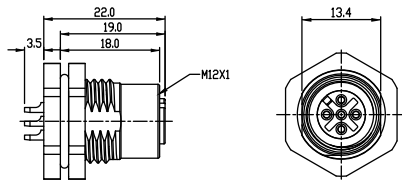
At Rear of Cable	Cable Length	Ordering No.
M8 B-coding 3A 5P Cable end Male with Cable Blunt Cut	*	GT232234-03051-XX
M8 B-coding 3A 5P Cable end 90° Male with Cable Blunt Cut	*	GT232235-03051-XX
M8 B-coding 3A 5P Cable end W/O SR Male with Cable Blunt Cut		GT2322B4-03051-XX
M8 B-coding 3A 5P Cable end W/O SR 90° Male with Cable Blunt Cut		GT2322B5-03051-XX

**M12 A-Coding Panel Female Solder Plastic**



At Rear of Panel	Cable Length	Ordering No.
M12 A-Coding 4A 5P Panel Male DIP Spanner Nut		GT134110-12050(S)

**M12 A-Coding Panel Female Solder**

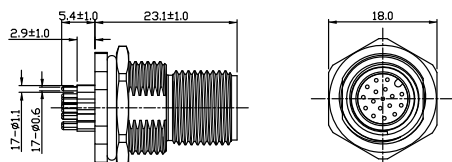


At Rear of Panel	Cable Length	Ordering No.
M12 A-Coding 4A 5P Panel Front Mount Female Solder	*	GT234102-02050
M12 A-Coding 2A 8P Panel Front Mount Female Solder	*	GT234102-01080
M12 A-Coding 1.5A 12P Panel Front Mount Female Solder	*	GT234102-04120
M12 A-Coding 4A 5P Panel Rear Mount Female Solder	*	GT234103-02050

At Rear of Panel	Cable Length	Ordering No.
M12 A-Coding 2A 8P Panel Rear Mount Female Solder	*	GT234103-01080
M12 A-Coding 1.5A 12P Panel Rear Mount Female Solder	*	GT234103-04120

\* Cable & Wire Length Upon Request. Customization is available.

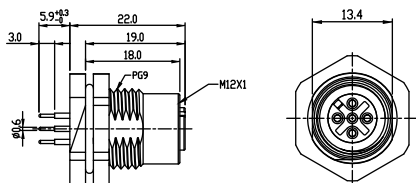
## M12 A-Coding Panel Male Solder



At Rear of Panel	Cable Length	Ordering No.
M12 A-Coding 4A 5P Panel Front Mount Male Solder	*	GT234112-02050
M12 A-Coding 2A 8P Panel Font Mount Male Solder	*	GT234112-01080
M12 A-Coding 1.5A 12P Panel Front Mount Male Solder	*	GT234112-04120
M12 A-Coding 4A 5P Panel Rear Mount Male Solder	*	GT234113-02050
M12 A-Coding 2A 8P Panel Rear Mount Male Solder	*	GT234113-01080

At Rear of Panel	Cable Length	Ordering No.
M12 A-Coding 1.5A 12P Panel Rear Mount Male Solder	*	GT234113-04120
M12 A-Coding 4A 5P Panel Front&Rear Mount Male Solder	*	GT234117-02050
M12 A-Coding 2A 8P Panel Front&Rear Mount Male Solder	*	GT234117-01080
M12 A-Coding 1.5A 12P Panel Front&Rear Mount Male Solder	*	GT234117-04120

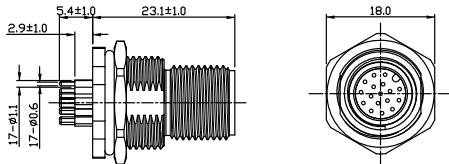
## M12 A-Coding Panel Female Dip



At Rear of Panel	Cable Length	Ordering No.
M12 A-Coding 4A 5P Panel front mount Female Dip		GT234102-12050
M12 A-Coding 2A 8P Panel front mount Female Dip		GT234102-11080
M12 A-Coding 1.5A 12P Panel front mount Female Dip		GT234102-14120
M12 A-Coding 4A 5P Panel Rear Mount Female Dip		GT234103-12050
M12 A-Coding 2A 8P Panel Rear Mount Female Dip		GT234103-11080

At Rear of Panel	Cable Length	Ordering No.
M12 A-Coding 1.5A 12P Panel Rear Mount Female Dip		GT234103-14120

**M12 A-Coding Panel Male Dip**

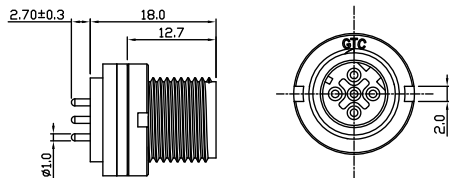


At Rear of Panel	Cable Length	Ordering No.
M12 A-Coding 4A 5P Panel Front Mount Male Dip		GT234112-12050
M12 A-Coding 2A 8P Panel Front Mount Male Dip		GT234112-11080
M12 A-Coding 1.5A 12P Front Mount Male Dip		GT234112-14120
M12 A-Coding 1A 17P Panel Front Mount Male Dip		GT234112-14170
M12 A-Coding 4A 5P Panel Rear Mount Female Dip		GT234113-12050

At Rear of Panel	Cable Length	Ordering No.
M12 A-Coding 2A 8P Panel Rear Mount Female Dip		GT234113-11080
M12 A-Coding 1.5A 12P Panel Rear Mount Female Dip		GT234113-14120
M12 A-Coding 4A 5P Panel Front&Rear Mount Male Dip		GT234117-12050
M12 A-Coding 2A 8P Panel Front&Rear Mount Male Dip		GT234117-11080
M12 A-Coding 1.5A 12P Panel Front&Rear Mount Male Dip		GT234117-14120

Sensor Series

**M12 D-Coding Panel Female Solder Plastic**

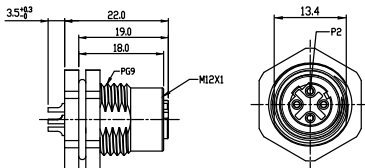


At Rear of Panel	Cable Length	Ordering No.
M12 D-Coding 4A 5P Panel Male DIP Spanner Nut		GT134110-12050(S)

\* Cable & Wire Length Upon Request. Customization is available.

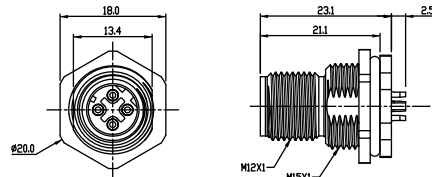


## M12 D-coding Panel Female Solder



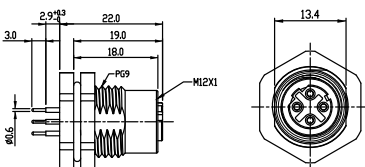
At Rear of Panel	Cable Length	Ordering No.
M12 D-coding 4A 4P Panel Rear Mount Female Solder		GT234403-02040

## M12 D-coding Panel Male Solder



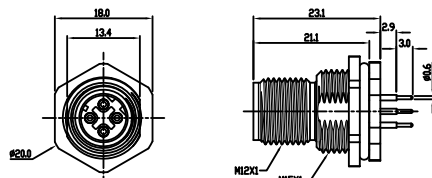
At Rear of Panel	Cable Length	Ordering No.
M12 D-coding 4A 5P Panel Front Mount Male Solder		GT234412-02040
M12 D-coding 4A 5P Panel Rear Mount Male Solder		GT234413-02040

## M12 D-coding Panel Female Dip



At Rear of Panel	Cable Length	Ordering No.
M12 D-coding 4A 4P Panel Front Mount Female Dip		GT234402-12040
M12 D-Coding 4A 4P Panel Rear Mount Female Dip		GT234403-12040

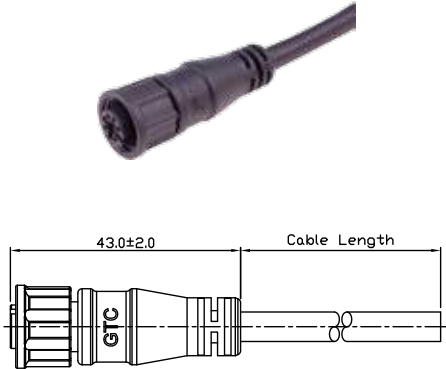
## M12 D-coding Panel Male Dip



At Rear of Panel	Cable Length	Ordering No.
M12 D-coding 4A 4P Panel Front Mount Male Dip		GT234412-12040

M12 Plastic A-Coding Cable end Female with cable

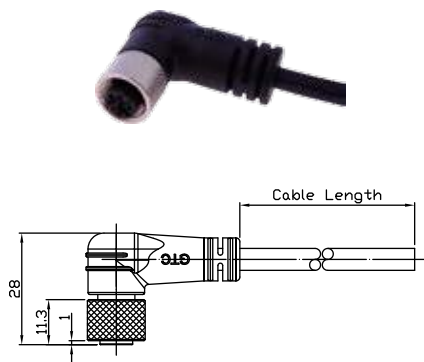
M12 Plastic A-Coding Cable end Male with cable



At Rear of Panel	Cable Length	Ordering No.
M12 A-Coding 5P 4A Cable end Female with cable Blunt Cut		GT134124-22051-XX

At Rear of Panel	Cable Length	Ordering No.
M12 A-Coding 5P 4A Cable end Male with cable Blunt Cut		GT134134-22051-XX

M12 A-coding Female with cable  
\*Low Press Molding (LPM)

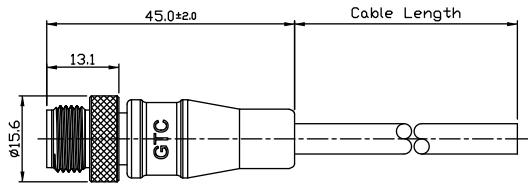


At Rear of Cable	Cable Length	Ordering No.
M12 A-coding 4A 5P Cable end Female with cable Blunt Cut	*	GT234124-22051-XX
M12 A-coding 2A 8P Cable end Female with cable Blunt Cut	*	GT234124-21081-XX
M12 A-coding 1.5A 12P Cable end Female with cable Blunt Cut	*	GT234124-04121-XX
M12 A-coding 1.5A 17P Cable end Female with cable Blunt Cut	*	GT234124-04171-XX

At Rear of Cable	Cable Length	Ordering No.
M12 A-coding 4A 5P Cable end 90° Female with cable	*	GT234125-22051-XX
M12 A-coding 2A 8P Cable end 90° Female with cable Blunt Cut	*	GT234125-21081-XX
M12 A-coding 1.5A 12P Cable end 90° Female with cable Blunt Cut	*	GT234125-04121-XX

\* Cable & Wire Length Upon Request. Customization is available.

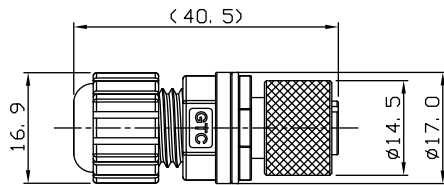
## M12 A-coding Male with cable \*Low Press Molding (LPM)



At Rear of Cable	Cable Length	Ordering No.
M12 A-coding 4A 5P Cable end Male with cable	*	GT234134-22051-XX
M12 A-coding 2A 8P Cable end Male with cable Blunt Cut	*	GT234134-21081-XX
M12 A-coding 1.5A 12P Cable end Male with cable Blunt Cut	*	GT234134-04121-XX
M12 A-coding 4A 5P Cable end 90° Male with cable Blunt Cut	*	GT234135-22051-XX

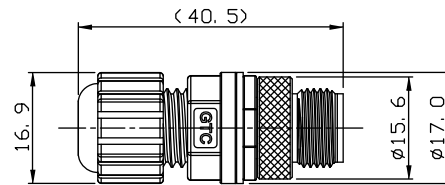
At Rear of Cable	Cable Length	Ordering No.
M12 A-coding 2A 8P Cable end 90° Male with cable Blunt Cut	*	GT234135-21081-XX
M12 A-coding 1.5A 12P Cable end 90° Male with cable Blunt Cut	*	GT234135-04121-XX

## M12 A code Field Installable, Female



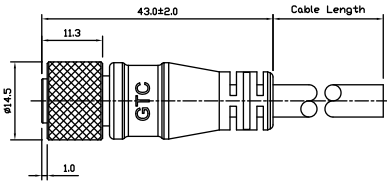
At Rear of Cable	Cable Length	Ordering No.
M12 A-coding 4A 5P Field Installable Cable end Female Solder		GT234144-02050
M12 A-coding 2A 8P Field Installable Cable end Female Solder		GT234144-01080
M12 A-coding 1.5A 12P Field Installable Cable end Female Solder		GT234144-04120

## M12 A code Field Installable, Male



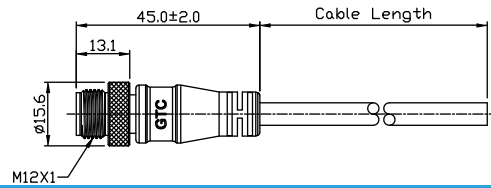
At Rear of Cable	Cable Length	Ordering No.
M12 A-coding 4A 5P Field Installable Cable end Male Solder		GT234154-02050
M12 A-coding 2A 8P Field Installable Cable end Male Solder		GT234154-01080
M12 A-coding 1.5A 12P Field Installable Cable end Male Solder		GT234154-04120

**M12 B-coding Cable end Female with cable**  
 \*Low Press Molding (LPM)



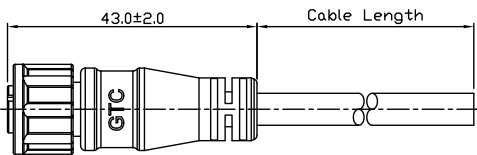
At Rear of Cable	Cable Length	Ordering No.
M12 B-coding 4A 5P Cable end Female with cable Blunt Cut	*	GT234224-22051-XX

**M12 B-coding Cable end Male with cable**  
 \*Low Press Molding (LPM)



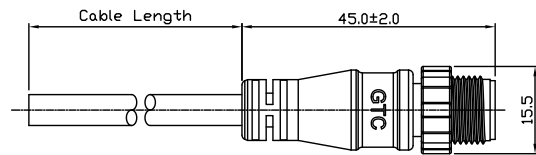
At Rear of Cable	Cable Length	Ordering No.
M12 B-coding 4A 5P Cable end Male with cable Blunt Cut	*	GT234234-22051-XX

**M12 Plastic D-Coding Cable end Female with cable**



At Rear of Panel	Cable Length	Ordering No.
M12 D-Coding 5P 4A Cable end Female with cable Blunt Cut	*	GT134424-22051-XX

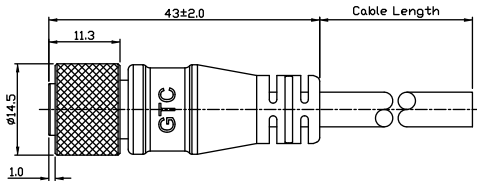
**M12 Plastic D-Coding Cable end Male with cable**



At Rear of Panel	Cable Length	Ordering No.
M12 D-Coding 5P 4A Cable end Male with cable Blunt Cut	*	GT134434-22051-XX

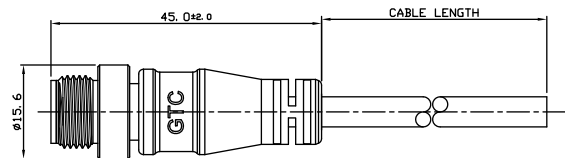
\* Cable & Wire Length Upon Request. Customization is available.

**M12 D-coding Cable end Female with cable**  
\*Low Press Molding (LPM)



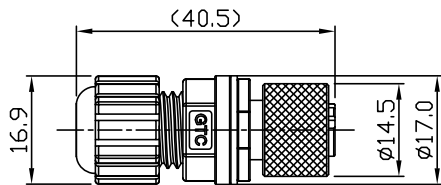
At Rear of Cable	Cable Length	Ordering No.
M12 D-coding 4A 4P Cable end Female with cable Blunt Cut	*	GT234424-22041-XX

**M12 D-coding Cable end Male with cable**  
\*Low Press Molding (LPM)



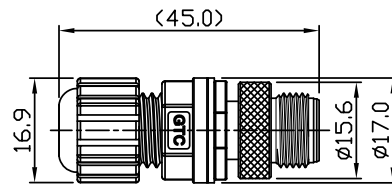
At Rear of Cable	Cable Length	Ordering No.
M12 D-coding 4A 4P Cable end Male with cable Blunt Cut	*	GT234434-22041-XX

**M12 D code Field Installable, Female**



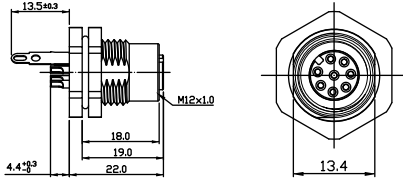
At Rear of Cable	Cable Length	Ordering No.
M12 D-coding 4A 4P Field Installable Cable end Female Solder	*	GT234444-02040

**M12 D code Field Installable, Male**



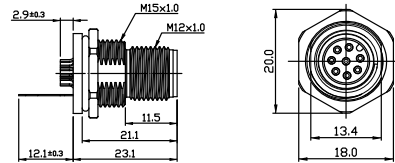
At Rear of Cable	Cable Length	Ordering No.
M12 D-coding 4A 4P Field Installable Cable end Male Solder	*	GT234454-02040

## M12 A-Coding Panel Female solder Shielded



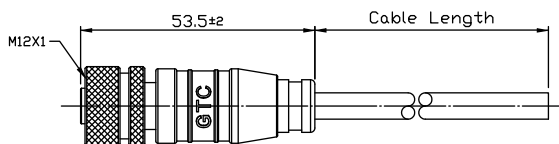
At Rear of Panel	Cable Length	Ordering No.
M12 A-Coding 2A 8P panel front mount female solder shielded	*	GT238102-01080
M12 A-Coding 4A 4P Panel front mount female solder shielded	*	GT238102-02040
M12 A-Coding 4A 5P Panel front mount female solder shielded	*	GT238102-02050

## M12 A-Coding Panel Male solder Shielded



At Rear of Panel	Cable Length	Ordering No.
M12 A-Coding 2A 8P panel front mount circular flange male solder shielded	*	GT238110-01080

## M12 A-coding Cable end Female with cable Shielded \*Low Press Molding (LPM)

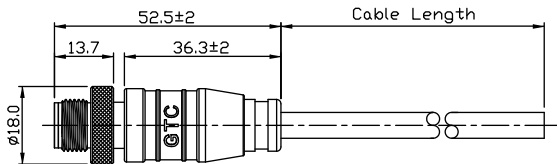


At Rear of Cable	Cable Length	Ordering No.
M12 A-coding 4A 4P Shielded Cable end Female with cable Blunt Cut	*	GT238124-02041-XX
M12 A-coding 4A 5P Shielded Cable end Female with cable Blunt Cut	*	GT238124-02051-XX
M12 A-coding 2A 8P Shielded Cable end Female with cable Blunt Cut	*	GT238124-01081-XX
M12 A-coding 1.5A 12P Shielded Cable end Female with cable Blunt Cut	*	GT238124-04121-XX

At Rear of Cable	Cable Length	Ordering No.
M12 A-coding 4A 4P Shielded Cable end Female W/O SR with cable Blunt cut	*	GT2381A4-02041-XX
M12 A-coding 4A 5P Shielded Cable end Female W/O SR with cable Blunt Cut	*	GT2381A4-02051-XX
M12 A-coding 2A 8P Shielded Cable end Female W/O SR with cable Blunt Cut	*	GT2381A4-01081-XX
M12 A-coding 1.5A 12P Shielded Cable end Female W/O SR with cable Blunt Cut	*	GT2381A4-04121-XX

\* Cable & Wire Length Upon Request. Customization is available.

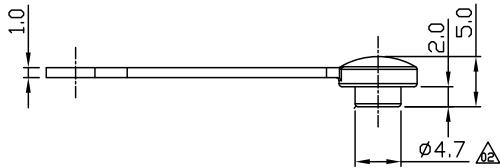
**M12 A-coding Cable end Male with cable Shielded**  
**\*Low Press Molding (LPM)**



At Rear of Cable	Cable Length	Ordering No.
M12 A-coding 4A 5P Shielded Cable end Male with cable Blunt Cut	*	GT238134-02051-XX
M12 A-coding 2A 8P Shielded Cable end Male with cable Blunt Cut	*	GT238134-01081-XX
M12 A-coding 1.5A 12P Shielded Cable end Male with cable Blunt Cut	*	GT238134-04121-XX

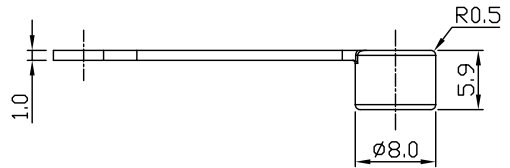
At Rear of Cable	Cable Length	Ordering No.
M12 A-coding 4A 5P Shielded Cable end Male W/O SR with cable Blunt Cut	*	GT2381B4-02051-XX
M12 A-coding 2A 8P Shielded Cable end Male W/O SR with cable Blunt Cut	*	GT2381B4-01081-XX
M12 A-coding 1.5A 12P Shielded Cable end Male W/O SR with cable	*	GT2381B4-04121-XX

Cap Plastic for M5 Female Panel



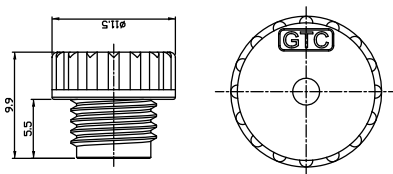
Appearance	Ordering No.
Cap Plastic for M5 Female With Chain	GT5C314092

Cap Plastic for M5 Male Panel



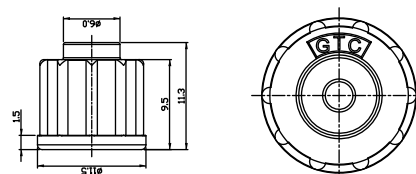
Appearance	Ordering No.
Cap Plastic for M5 Male With Chain	GT5C314012

Cap Plastic for M8 Female



Appearance	Ordering No.
Cap Plastic for M8 Female Panel W/O Lanyard	GT1C323002
Cap Plastic for M8 Female Panel with Rubber Lanyard	GT1C323022
Cap Plastic for M8 Female Panel with Plastic Lanyard	GT1C323032

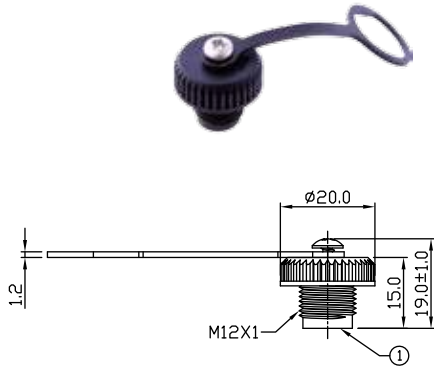
Cap Plastic for M8 Male



Appearance	Ordering No.
Cap Plastic for M8 Male Panel W/O Lanyard	GT1C323102
Cap Plastic for M8 Male Panel with Rubber Lanyard	GT1C323122
Cap Plastic for M8 Male Panel with Plastic Lanyard	GT1C323132

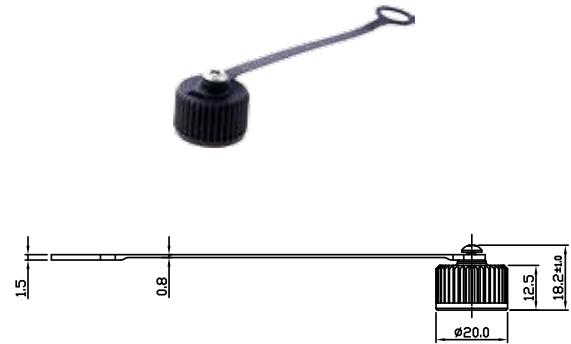


## Cap Plastic for M12 Female



Appearance	Ordering No.
Cap Plastic for M12 Female end W/O Lanyard	GT1C343002
Cap Plastic for M12 Female end with Metal Lanyard	GT1C343012
Cap Plastic for M12 Female end with Rubber Lanyard	GT1C343022
Cap Plastic for M12 Female end with Plastic Lanyard	GT1C343032

## Cap Plastic for M12 Male



Appearance	Ordering No.
Cap Plastic for M12 Male end W/O Lanyard	GT1C343102
Cap Plastic for M12 Male end with Metal Lanyard	GT1C343112
Cap Plastic for M12 Male end with Rubber Lanyard	GT1C343122
Cap Plastic for M12 Male end with Plastic Lanyard	GT1C343132
Cap Plastic For M12 Male End With Metal Lanyard (M3 Screw)	GT1C343162

Cap No.	Mating Series No.
GT1C3430XX	GT23410X-XXXX
	GT23420X-XXXX
	GT23440X-XXXX
	GT27110X-XXXX
	GT27112X-XXXX

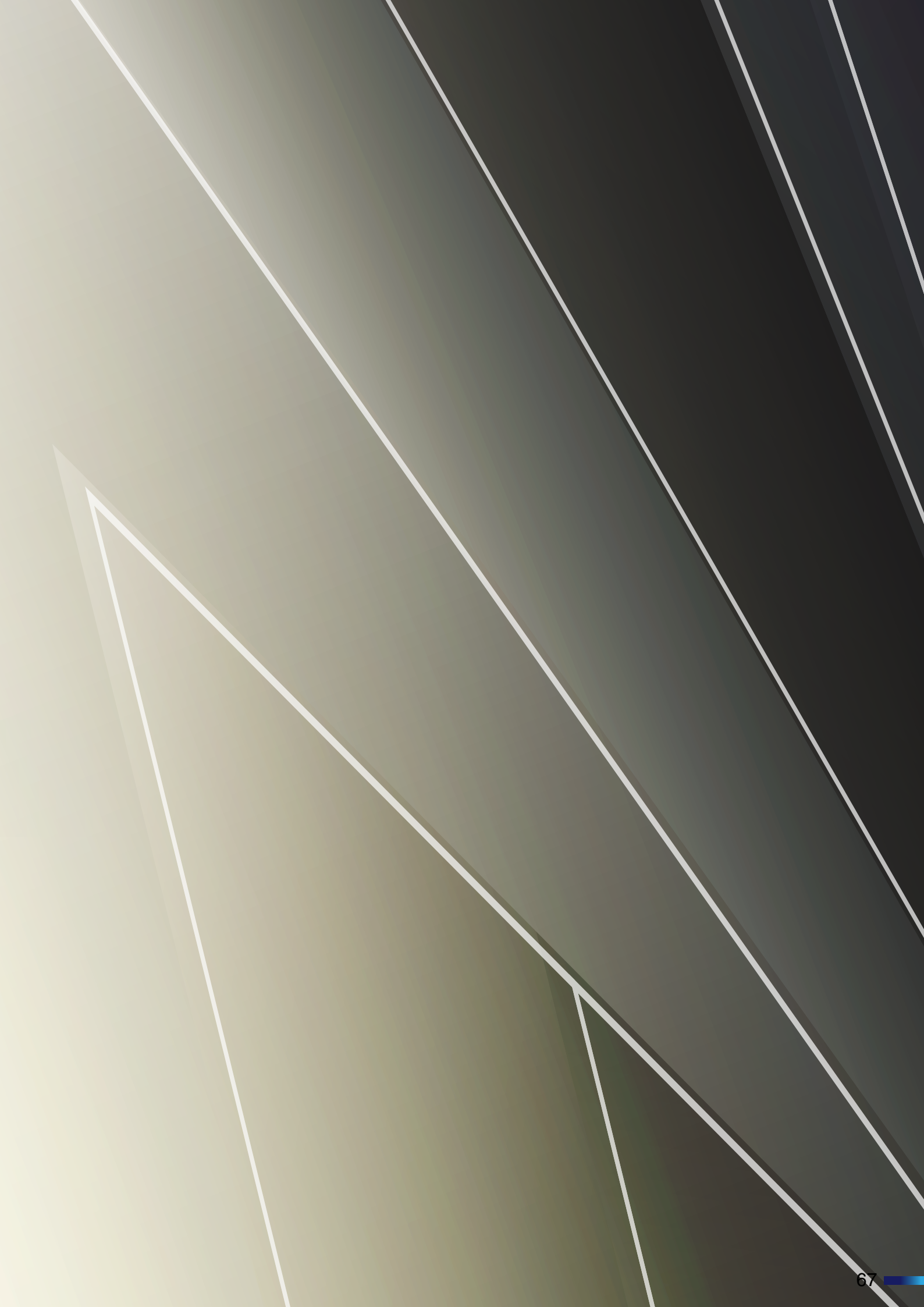
Cap No.	Mating Series No.
GT1C3431XX	GT23411X-XXXX
	GT23421X-XXXX
	GT23441X-XXXX
	GT2712X-XXXX
	GT27111X-XXXX
	GT27113X-XXXX



# D-SUB Series



**D-Sub Standard 9PIN Series**  
**D-Sub Hi-Density 15PIN Series**



## D-SUB

### 1. Panel Side

Standard D-SUB 9 PIN Panel Screw ( 6mm ) Part No.GT1412 Series.	70
Standard D-SUB 9 PIN Panel Screw (5mm + 6mm) Part No.GT1413 Series.	70

### 2. Cabel End

Standard D-SUB 9 PIN Cable End Part No.GT1413 Series.	70
Standard D-SUB 9 PIN Field Installable Cable End Part No.GT141350-02090.	70

## Hight Density D-SUB

### 1. Panel Side

HI-Density D-SUB 15PIN Panel Part No.GT1463 Series.	71
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### 2. Cable End

HI-Density D-SUB 15 PIN Cable End Part No.GT146 Series.	71
HI-Density D-SUB 15 PIN Field Installable Cable End GT146340//GT146350	71

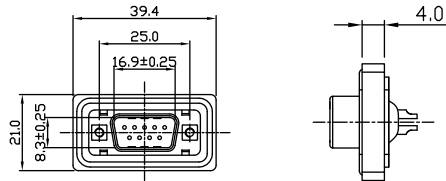
### 3. Cap

Cap Plastic For D-SUB Part No.GT1C4 Series.	72
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<b>Material</b>		
	<b>D-SUB 9 Pin</b>	<b>HD-SUB 15 Pin</b>
<b>D-SUB Housing (Male // Female)</b>	Thermoplastic	Thermoplastic
<b>D-SUB Shell (Male // Female)</b>	Cold Roller Steel , Ni Plated	Cold Roller Steel , Ni Plated
<b>D-SUB Contacts (Male // Female)</b>	Copper Alloy , Au Plated	Copper Alloy , Gold Flash
<b>Panel Housing</b>	Thermoplastic	Thermoplastic
<b>Panel O-Ring</b>	Silicone	Silicone
<b>Panel Screw #4-40 UNC</b>	Copper Alloy , Ni Plated	Copper Alloy, Ni Plated
<b>Glue</b>	Epoxy	Epoxy
<b>Cable End Housing</b>	Thermoplastic	Thermoplastic
<b>Inner Mold // Over Mold</b>	PVC	PVC
<b>Cable End Rubber Pad</b>	EPDM	EPDM
<b>Cable End Screw #4-40 UNC</b>	SUS 303	SUS 303
<b>Cable End Gasket</b>	EPDM	EPDM

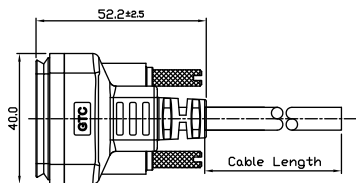
<b>Technical Data</b>	
<b>Insulation Resistance</b>	DC500V±10% , test for 1 minute and the insulation resistance should be more than100MΩ
<b>Dielectric Withstanding Voltage</b>	1000 V AC contact-to-contact, for 1min.
<b>Contact Resistance</b>	30mΩ at 10mA Max.
<b>Durability</b>	500 cycles insertion/extraction cycles at a maximum rate of 200 cycles per hour.
<b>Thermal Shock</b>	5 cycles at -40°C / +105°C , after the test, the function and appearance can't be impacted.
<b>Waterproof Test</b>	Submersion in water 1 meter for 30minutes.
<b>Temperature Range</b>	-40°C / +85°C
<b>Wire Gauge</b>	20 AWG~24 AWG
<b>Current Rating</b>	5.0A

## Standard D-SUB 9 Pin Panel

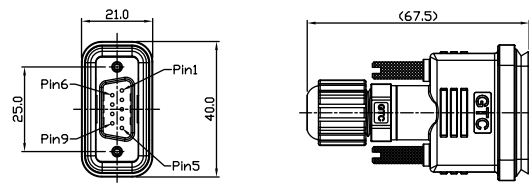


At Rear of Panel	Cable Length	Ordering No.
D-SUB 5A 9P Panel Male Solder (Screw 6mm)		GT141210-02090
D-SUB 5A 9P Panel Female Solder (Screw 5mm + 6mm)		GT141300-02090
D-SUB 5A 9P Panel Male Solde (Screw 5mm + 6mm)		GT141310-02090
D-SUB 5A 9P Panel Female Solder (Screw 5mm + 6mm)		GT141380-02090
D-SUB 5A 9P Panel Male Solder (Screw 7mm)		GT141410-02090

## Standard D-SUB 9 Pin Cable End

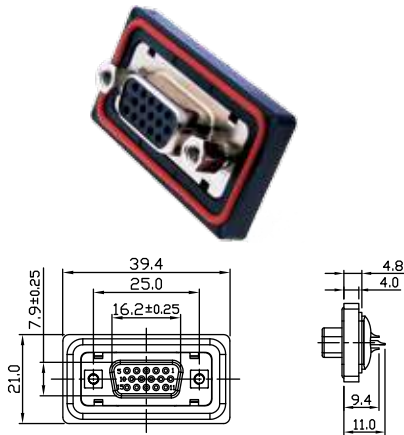


At Rear of Cable	Cable Length	Ordering No.
D-SUB 5A 9P Cable End Female With Cable Blunt Cut	*	GT141320-02091-XX
D-SUB 5A 9P Cable End Male With Cable Blunt Cut	*	GT141330-02091-XX
D-SUB 5A 9P Cable End Male Twin Head With Cable Blunt Cut	*	GT1413A0-02091-XX



At Rear of Cable	Cable Length	Ordering No.
D-SUB 5A 9P Field Installable Cable End Male Solder		GT141350-02090

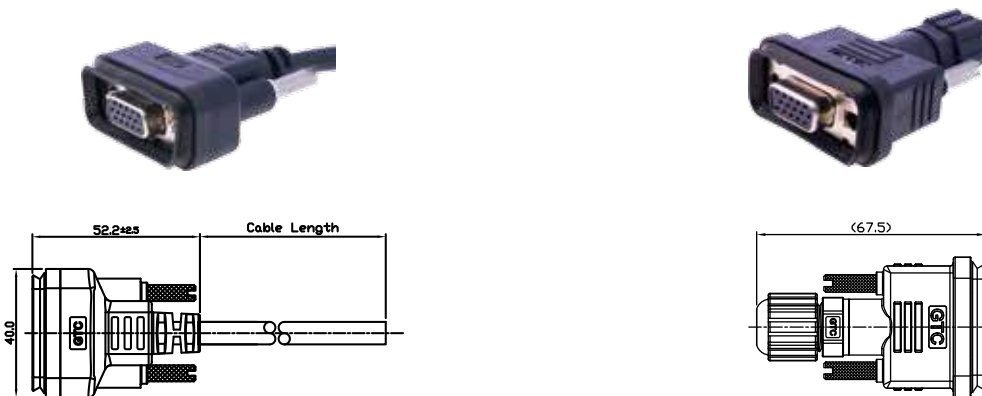
# HI-Density D-SUB 15 Pin Panel



At Rear of Panel	Cable Length	Ordering No.
D-SUB HD 5A 15P Panel Female Solder (Screw 5mm)		GT146100-02150
D-SUB HD 5A 15P Panel Female Solder (Screw 5mm+6mm)		GT146300-02150
D-SUB HD 5A 15P Panel Male Solder (Screw 5mm+6mm)		GT146310-02050

# HI-Density D-SUB 15 Pin Cable End

D-SUB Series



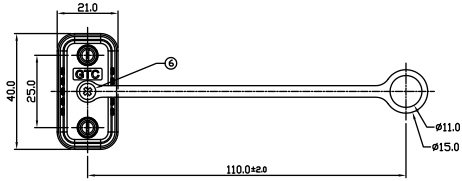
At Rear of Cable	Cable Length	Ordering No.
D-SUB HD 5A 15P Cable End Female With Cable Blunt Cut	*	GT146320-02151-XX
D-SUB HD 5A 15P Cable End Male With Cable Blunt Cut	*	GT146330-02151-XX

At Rear of Cable	Cable Length	Ordering No.
D-SUB HD 5A 15P Field Installable Cable End Female Solder		GT146340-02150
D-SUB HD 5A 15P Field Installable Cable End Male Solder		GT146350-02150

\* Cable & Wire Length Upon Request. Customization is available.



# D-SUB Series Connector Cap



Appearance	Ordering No.
Cap Plastic for D-SUB Screw Panel	GT1C413002
Cap Plastic for D-SUB Screw Panel With Plastic Lanyard	GT1C413032
Cap Plastic for D-SUB Stainless Screw Panel With Metal Lanyard	GT1C414012
Cap Plastic for D-SUB Stainless Screw Panel With Plastic Lanyard	GT1C414032



# Circular Series



**C1 (2A, 5A) Series**

**C2 (2A, 5A, 10A) Series**

**C3 (2A, 5A, 10A) Series**

**C4 (1A, 2A, 5A, 10A, 30A) Series**

**C5 (10A) Series**



## Panel Side

1. C1 Panel side	
C1 Plastic Panel Male Lock Part No.GT15121 Series.	84
C1 Metal Panel Male Lock Part No. GT25121 Series.	84
2. C2 Panel side	
C2 Plastic Panel Male//Female Lock Part No.GT1522 Series.	85 \ 86
C2 Plastic Panel Male//Female Screw Part No. GT1523 Series.	87
3. C3 Panel side	
C3 Plastic Panel Male//Female Lock Part No.GT1532 Series.	88
C3 Plastic Panel Male//Female Screw Part No. GT1533 Series.	90 \ 91
4. C4 Panel side	
C4 Plastic Panel Male//Female Lock Part No.GT1542 Series.	92 \ 93
C4 Plastic Panel Male// Female Screw Part No.GT1543 Series.	93
5. C5 Panel side	
C5 Plastic Panel Male//Female Lock Part No.GT1552 Series.	94

## Cable End Side

1. C1 Cable End	
C1 Plastic Cable End Male//Female Lock Part No.GT1512 Series.	94 \ 95
C1 Metal Cable End Female Lock Part No.GT2512 Series.	95
2. C2 Cable End	
C2 Plastic Cable End Male//Female Lock Part No.GT1522 Series.	96
C2 Plastic Cable End Male//Female Screw Part No.GT1523 Series.	101
3. C3 Cable End	
C3 Plastic Cable End Male//Female Lock Part No.GT1532 Series.	105
C3 Plastic Cable End Male//Female Screw Part No.GT1533 Series.	109
4. C4 Cable End	
C4 Plastic Cable End Male//Female Lock Part No.GT1542 Series.	112
C4 Plastic Cable End Male//Female Screw Part No. GT1543 Series.	113
5. C5 Cable End	
C5 Plastic Cable End Male//Female Lock Part No.GT1552 Series.	115

## Cable-To-Cable

### 1. C1 Cable-To-Cable

C1 Plastic Cable-To-Cable Male Lock Part No. GT1512 Series. 95

### 2. C2 Cable-To-Cable

C2 Plastic Cable-To-Cable Male//Female Lock Part No.GT1522 Series. 98

C2 Plastic Cable-To-Cable Male Screw Part No.GT1523 Series. 103

### 3. C3 Cable-To-Cable

C3 Plastic Cable-To-Cable Male//Female Lock Part No.GT1532 Series. 107 、 108

C3 Plastic Cable-To-Cable Male//Female Screw Part No.GT1533 Series. 110 、 111

### 4. C4 Cable-To-Cable

C4 Plastic Cable-To-Cable Male//Female Lock Part No.GT1542 Series. 113

C4 Plastic Cable-To-Cable Male Screw Part No.GT1543 Series. 113

## Cap

### 1. C1 Cap

C1 Plastic Panel Cap Lock Part No.GT1C512 Series. 116

C1 Plastic Panel Cap Screw Part No.GT1C513 Series. 116

### 2. C2 Cap

C2 Plastic Panel Cap Lock Part No.GT1C522 Series. 117

C2 Plastic Panel Cap Screw Part No.GT1C523 Series. 117

### 3. C3 Cap

C3 Plastic Panel Cap Lock Part No.GT1C532 Series. 118

C3 Plastic Panel Cap Screw Part No.GT1C533 Series. 118

### 4. C4 Cap

C4 Plastic Panel Cap Lock Part No.GT1C542 Series. 119

C4 Plastic Panel Cap Screw Part No.GT1C543 Series. 119

### 5. C5 Cap

C5 Plastic Panel Cap Lock Part No.GT1C552 Series. 120

# Project

Material					
	C1 Panel		C2 Panel		
Panel Housing (Male // Female)	Thermoplastic				
Contacts (Male // Female)	Copper Alloy, Au Plated				
Panel Hex Nut	Thermoplastic				
Panel Gasket	Silicone				
Glue	Epoxy				
Technical Data					
Insulation Resistance	DC500V±10% · test for 1 minute and the insulation resistance should be more than100MΩ				
Dielectric Withstanding Voltage	2A 500V AC contact-to-contact, for 1min. 5A & 10A 1500V AC contact-to-contact, for 1min.				
Contact Resistance	10mΩ at 10mA Max.				
Durability	Lock type 200 cycles ,rate of 200 cycles per hour. Screw type 500 cycles ,rate of 200 cycles per hour.				
Thermal Shock	5 cycles at -40°C / +105°C, after the test, the function and appearance can't be impacted.				
Waterproof Test	Submersion in water 1 meter for 30 minutes.				
Temperature Range	with cable -40°C / +85°C without cable -40°C/~+105°C				
Number Of Contacts	4~6	2 / 3	10 / 12 / 14	2 ~ 8	2 ~ 4
Wire Guage	24~26AWG	20~24AWG	24~26AWG	20~24AWG	16~18AWG
Current Rating	2A	5A	2A	5A	10A

Material					
	C3 Panel				
Panel Housing (Male // Female)	Thermoplastic				
Contacts (Male // Female)	Copper Alloy, Au Plated				
Panel Hex Nut	Thermoplastic				
Panel Gasket	Silicone				
Glue	Epoxy				
Technical Data					
Insulation Resistance	DC500V±10% · test for 1 minute and the insulation resistance should be more than100MΩ				
Dielectric Withstanding Voltage	2A 500V AC contact-to-contact, for 1min. 5A & 10A 1500V AC contact-to-contact, for 1min.				
Contact Resistance	10mΩ at 10mA Max.				
Durability	Lock type 200cycles ,rate of 200 cycles per hour. Screw type 500 cycles ,rate of 200 cycles per hour.				
Thermal Shock	5 cycles at -40°C / +105°C, after the test, the function and appearance can't be impacted.				
Waterproof Test	Submersion in water 1 meter for 30 minutes.				
Temperature Range	with cable -40°C / +85°C without cable -40°C~+105°C				
Number Of Contacts	18	7~9 / 14	2 ~ 5		
Wire Guage	24~26AWG	20~24AWG	16~18AWG		
Current Rating	2A	5A	10A		

Material	
	C4 Panel
Panel Housing (Male // Female)	Thermoplastic
Contacts (Male // Female)	Copper Alloy, Au Plated
Panel Hex Nut	Thermoplastic
Panel Gasket	Silicone
Glue	Epoxy

Technical Data					
Insulation Resistance	DC500V±10% , test for 1 minute and the insulation resistance should be more than100MΩ				
Dielectric Withstanding Voltage	2A 500V AC contact-to-contact, for 1min. 5A & 10A 1500V AC contact-to-contact, for 1min.				
Contact Resistance	10mΩ at 10mA Max.				
Durability	Screw type 500 cycles ,rate of 200 cycles per hour.				
Thermal Shock	5 cycles at -40°C / +105°C, after the test, the function and appearance can't be impacted.				
Waterproof Test	Submersion in water 1 meter for 30 minutes.				
Temperature Range	with cable -40°C / +85°C without cable -40°C/~+105°C				
Number Of Contacts	15~26	14~18	6~9	3	2 ~ 5
Wire Guage	24~26AWG	20~24AWG	16~18AWG	12AWG	16 ~ 18 AWG
Current Rating	2A	5A	10A	30A	10A



Material					
	C1 Cable End		C2 Cable End		
Housing	Thermoplastic				
Cable End Screw/Lock Nut	Thermoplastic				
Contacts	Copper Alloy,Au Plated				
O-Ring	Silicone				
Inner Mold	Thermoplastic				
Over Mold	PVC				
Technical Data					
Insulation Resistance	DC500V±10% , test for 1 minute and the insulation resistance should be more than100MΩ				
Dielectric Withstanding Voltage	2A 500V AC contact-to-contact, for 1min. 5A & 10A 1500V AC contact-to-contact, for 1min.				
Contact Resistance	10mΩ at 10mA Max.				
Durability	Screw type 500 cycles ,rate of 200 cycles per hour.				
Thermal Shock	5 cycles at -40°C / +105°C, after the test, the function and appearance can't be impacted.				
Waterproof Test	Submersion in water 1 meter for 30 minutes.				
Temperature Range	with cable -40°C / +85° Cwithout cable -40°C~+105°C				
Number Of Contacts	4~6	2 / 3	10 / 12 / 14	2 ~ 8	2 ~ 4
Wire Guage	24~26AWG	20~24AWG	24~26AWG	20~24AWG	16~18AWG
Current Rating	2A	5A	2A	5A	10A

Material			
	C3 Cable End		
Housing	Thermoplastic		
Cable End Screw/Lock Nut	Thermoplastic		
Contacts	Copper Alloy, Au Plated		
O-Ring	Silicone		
Inner Mold	Thermoplastic		
Over Mold	PVC		
Technical Data			
Insulation Resistance	DC500V±10% , test for 1 minute and the insulation resistance should be more than100MΩ		
Dielectric Withstanding Voltage	2A 500V AC contact-to-contact, for 1min. 5A & 10A 1500V AC contact-to-contact, for 1min.		
Contact Resistance	10mΩ at 10mA Max.		
Durability	Screw type 500 cycles ,rate of 200 cycles per hour.		
Thermal Shock	5 cycles at -40°C / +105°C, after the test, the function and appearance can't be impacted.		
Waterproof Test	Submersion in water 1 meter for 30 minutes.		
Temperature Range	with cable -40°C / +85°C without cable -40°C~+105°C		
Number Of Contacts	18	7~9 / 14	2 ~ 5
Wire Guage	24~26AWG	20~24AWG	16~18AWG
Current Rating	2A	5A	10A

Material					
	C4 Cable End			C5 Cable End	
Housing	Thermoplastic				
Cable End Screw/Lock Nut	Thermoplastic				
Contacts	Copper Alloy, Au Plated				
O-Ring	Silicone				
Inner Mold	Thermoplastic				
Over Mold	PVC				
Technical Data					
Insulation Resistance	DC500V±10% , test for 1 minute and the insulation resistance should be more than100MΩ				
Dielectric Withstanding Voltage	2A 500V AC contact-to-contact, for 1min. 5A & 10A 1500V AC contact-to-contact, for 1min.				
Contact Resistance	10mΩ at 10mA Max.				
Durability	Screw type 500 cycles ,rate of 200 cycles per hour.				
Thermal Shock	5 cycles at -40°C / +105°C, after the test, the function and appearance can't be impacted.				
Waterproof Test	Submersion in water 1 meter for 30 minutes.				
Temperature Range	with cable -40°C / +85°C without cable -40°C~+105°C				
Number Of Contacts	15~26	14~18	6~9	3	2 ~ 5
Wire Guage	24~26AWG	20~24AWG	16~18AWG	12AWG	16 ~ 18 AWG
Current Rating	2A	5A	10A	30A	10A

# Project

Material	
Panel Body	C1 Panel Zn Alloy, Ni Plated
Cable End Screw/Lock Nut	Thermoplastic
Contacts (Male // Female)	Copper Alloy, Au Plated
Panel Hex Nut	Thermoplastic
Panel Gasket	Silicone
Glue	Epoxy

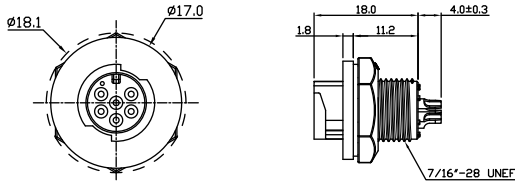
Technical Data	
Insulation Resistance	DC500V±10% , test for 1 minute and the insulation resistance should be more than100MΩ
Dielectric Withstanding Voltage	2A 500V AC contact-to-contact, for 1min. 5A 1500V AC contact-to-contact, for 1min.
Contact Resistance	10mΩ at 10mA Max.
Durability	Screw type 500 cycles ,rate of 200 cycles per hour.
Thermal Shock	5 cycles at -40°C / +105°C, after the test, the function and appearance can't be impacted.
Waterproof Test	Submersion in water 1 meter for 30 minutes.
Temperature Range	with cable -40°C / +85°C without cable -40°C~+105°C
Number Of Contacts	4~6 <span style="float: right;">2 / 3</span>
Wire Guage	24~26AWG <span style="float: right;">20~24AWG</span>
Current Rating	2A <span style="float: right;">5A</span>

Material	
Housing	C1 Cable End Thermoplastic
Cable End Screw/Lock Nut	Copper Alloy, Ni Plated
Contacts	Copper Alloy, Au Plated
O-Ring	Silicone
Inner Mold	Thermoplastic
Over Mold	PVC

Technical Data	
Insulation Resistance	DC500V±10% , test for 1 minute and the insulation resistance should be more than100MΩ
Dielectric Withstanding Voltage	2A 500V AC contact-to-contact, for 1min. 5A 1500V AC contact-to-contact, for 1min.
Contact Resistance	10mΩ at 10mA Max.
Durability	Screw type 500 cycles ,rate of 200 cycles per hour.
Thermal Shock	5 cycles at -40°C / +105°C, after the test, the function and appearance can't be impacted.
Waterproof Test	Submersion in water 1 meter for 30 minutes.
Temperature Range	with cable -40°C / +85°C without cable -40°C~+105°C
Number Of Contacts	4~6 2 / 3
Wire Guage	24~26AWG 20~24AWG
Current Rating	2A 5A

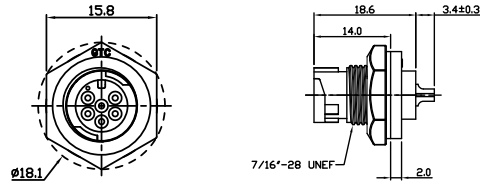
# Circular 1 Connector Series

## C1 Plastic Panel Rear Mount Male Solder Lock



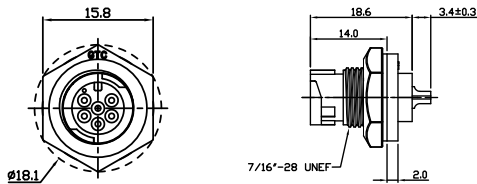
At Rear of Panel	Contacts	Ordering No.
C1 5A 2P Panel Rear Mount Male Solder Lock	2	GT151211-02020
C1 5A 3P Panel Rear Mount Male Solder Lock	3	GT151211-02030
C1 2A 4P Panel Rear Mount Male Solder Lock	4	GT151211-01040
C1 2A 5P Panel Rear Mount Male Solder Lock	5	GT151211-01050
C1 2A 6P Panel Rear Mount Male Solder Lock	6	GT151211-01060

## C1 Plastic Panel Mount Male Solder Lock



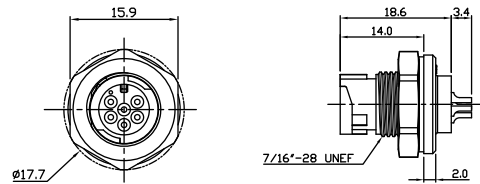
At Rear of Panel	Contacts	Ordering No.
C1 5A 2P Panel Mount Male Solder Lock	2	GT151210-02020
C1 5A 3P Panel Mount Male Solder Lock	3	GT151210-02030
C1 2A 4P Panel Mount Male Solder Lock	4	GT151210-01040
C1 2A 5P Panel Mount Male Solder Lock	5	GT151210-01050
C1 2A 6P Panel Mount Male Solder Lock	6	GT151210-01060

## C1 Plastic Panel Panel Mount Dip Lock



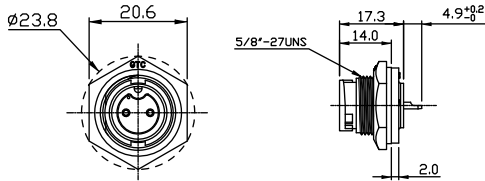
At Rear of Panel	Contacts	Ordering No.
C1 5A 2P Panel Mount Male Dip Lock	2	GT151210-12020
C1 5A 3P Panel Mount Male Dip Lock	3	GT151210-12030
C1 2A 4P Panel Mount Male Dip Lock	4	GT151210-11040
C1 2A 5P Panel Mount Male Dip Lock	5	GT151210-11050
C1 2A 6P Panel Mount Male Dip Lock	6	GT151210-11060

## C1 Metal Panel Mount Male Lock Solder



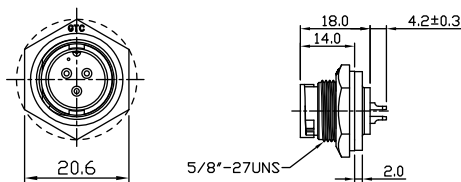
At Rear of Panel	Contacts	Ordering No.
C1 5A 2P Panel Mount Male Lock Solder	2	GT251210-02020
C1 5A 3P Panel Mount Male Lock Solder	3	GT251210-02030
C1 2A 4P Panel Mount Male Lock Solder	4	GT251210-01040
C1 2A 5P Panel Mount Male Lock Solder	5	GT251210-01050
C1 2A 6P Panel Mount Male Lock Solder	6	GT251210-01060

C2 Plastic Panel Mount Female Lock Solder



At Rear of Panel	Contacts	Ordering No.
C2 5A 2P Panel Mount Female Lock Solder	2	GT152200-02020
C2 5A 3P Panel Mount Female Lock Solder	3	GT152200-02030
C2 5A 4P Panel Mount Female Lock Solder	4	GT152200-02040
C2 5A 5P Panel Mount Female Lock Solder	5	GT152200-02050
C2 5A 6P Panel Mount Female Lock Solder	6	GT152200-02060
C2 5A 8P Panel Mount Female Lock Solder	8	GT152200-02080

C2 Plastic Panel Mount Male Lock Solder

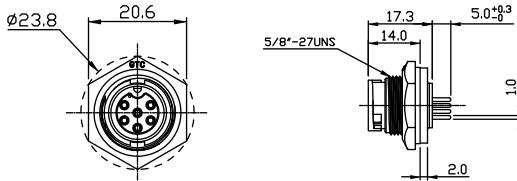


At Rear of Panel	Contacts	Ordering No..
C2 2A 10P Panel Mount Male Lock Solder	10	GT152210-01100
C2 2A 12P Panel Mount Male Lock Solder	12	GT152210-01120
C2 2A 14P Panel Mount Male Lock Solder	14	GT152210-01140
C2 5A 2P Panel Mount Male Lock Solder	2	GT152210-02020
C2 5A 3P Panel Mount Male Lock Solder	3	GT152210-02030
C2 5A 4P Panel Mount Male Lock Solder	4	GT152210-02040

At Rear of Panel	Contacts	Ordering No..
C2 5A 5P Panel Mount Male Lock Solder	5	GT152210-02050
C2 5A 6P Panel Mount Male Lock Solder	6	GT152210-02060
C2 5A 7P Panel Mount Male Lock Solder	7	GT152210-02070
C2 5A 8P Panel Mount Male Lock Solder	8	GT152210-02080
C2 10A 2P Panel Mount Male Lock Solder	2	GT152210-03020
C2 10A 3P Panel Mount Male Lock Solder	3	GT152210-03030
C2 10A 4P Panel Mount Male Lock Solder	4	GT152210-03040

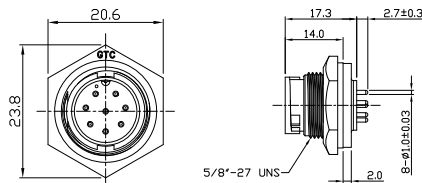
# Circular 2 Connector Series

## C2 Plastic Panel Mount Female Lock Dip



At Rear of Panel	Contacts	Ordering No.
C2 5A 2P Panel Mount Female Lock Dip	2	GT152200-12020
C2 5A 3P Panel Mount Female Lock Dip	3	GT152200-12030
C2 5A 4P Panel Mount Female Lock Dip	4	GT152200-12040
C2 5A 5P Panel Mount Female Lock Dip	5	GT152200-12050
C2 5A 6P Panel Mount Female Lock Dip	6	GT152200-12060

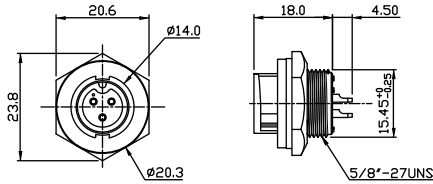
## C2 Plastic Panel Mount Male Lock Dip



At Rear of Panel	Contacts	Ordering No.
C2 2A 10P Panel Mount Male Lock Dip	10	GT152210-11100
C2 2A 12P Panel Mount Male Lock Dip	12	GT152210-11120
C2 2A 14P Panel Mount Male Lock Dip	14	GT152210-11140
C2 5A 2P Panel Mount Male Lock Dip	2	GT152210-12020
C2 5A 3P Panel Mount Male Lock Dip	3	GT152210-12030
C2 5A 4P Panel Mount Male Lock Dip	4	GT152210-12040

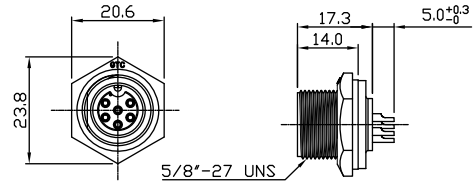
At Rear of Panel	Contacts	Ordering No.
C2 5A 5P Panel Mount Male Lock Dip	5	GT152210-12050
C2 5A 6P Panel Mount Male Lock Dip	6	GT152210-12060
C2 5A 7P Panel Mount Male Lock Dip	7	GT152210-12070
C2 5A 8P Panel Mount Male Lock Dip	8	GT152210-12080
C2 10A 2P Panel Mount Male Lock Dip	2	GT152210-13020
C2 10A 3P Panel Mount Male Lock Dip	3	GT152210-13030
C2 10A 4P Panel Mount Male Lock Dip	4	GT152210-13040

## C2 Plastic Panel Rear Mount Female Lock Solder



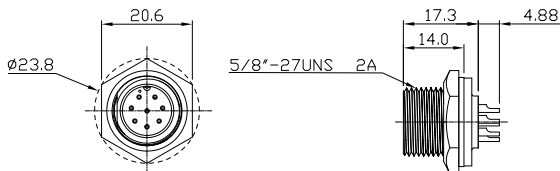
At Rear of Panel	Contacts	Ordering No.
C2 5A 3P Panel Rear Mount Female Lock Solder	3	GT152201-02030

## C2 Plastic Panel Mount Female Screw Solder



At Rear of Panel	Contacts	Ordering No.
C2 5A 3P Panel Mount Female Screw Solder	3	GT152300-02030
C2 5A 4P Panel Mount Female Screw Solder	4	GT152300-02040
C2 5A 5P Panel Mount Female Screw Solder	5	GT152300-02050
C2 5A 6P Panel Mount Female Screw Solder	6	GT152300-02060
C2 10A 3P Panel Mount Female Screw Solder	3	GT152300-03030

## C2 Plastic Panel Mount Male Screw Solder



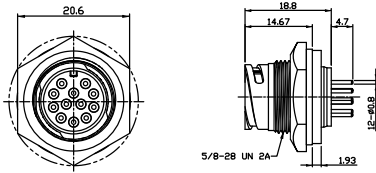
At Rear of Panel	Contacts	Ordering No.
C2 2A 10P Panel Mount Male Screw Solder	10	GT152310-01100
C2 2A 12P Panel Mount Male Screw Solder	12	GT152310-01120
C2 5A 2P Panel Mount Male Screw Solder	2	GT152310-02020
C2 5A 3P Panel Mount Male Screw Solder	3	GT152310-02030
C2 5A 5P Panel Mount Male Screw Solder	5	GT152310-02050

At Rear of Panel	Contacts	Ordering No.
C2 5A 7P Panel Mount Male Screw Solder	7	GT152310-02070
C2 5A 8P Panel Mount Male Screw Solder	8	GT152310-02080
C2 10A 2P Panel Mount Male Screw Solder	2	GT152310-03020
C2 10A 3P Panel Mount Male Screw Solder	3	GT152310-03030
C2 10A 4P Panel Mount Male Screw Solder	4	GT152310-03040



## Circular 2 Connector Series

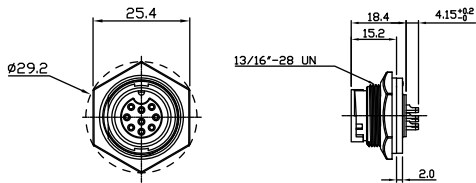
### C2 Plastic Panel Mount Male Twist Lock Dip



At Rear of Panel	Contacts	Ordering No.
C2 2A 12P Panel Mount Male Twist Lock Dip	12	GT152110-11120

## Circular 3 Connector Series

### C3 Plastic Panel Mount Female Lock Solder



At Rear of Panel	Contacts	Ordering No.
C3 5A 7P Panel Mount Female Lock Solder	7	GT153200-02070
C3 5A 8P Panel Mount Female Lock Solder	8	GT153200-02080
C3 5A 9P Panel Mount Female Lock Solder	9	GT153200-02090
C3 10A 2P Panel Mount Female Lock Solder	2	GT153200-03020
C3 10A 3P Panel Mount Female Lock Solder	3	GT153200-03030

At Rear of Panel	Contacts	Ordering No.
C3 10A 4P Panel Mount Female Lock Solder	4	GT153200-03040
C3 10A 5P Panel Mount Female Lock Solder	5	GT153200-03050

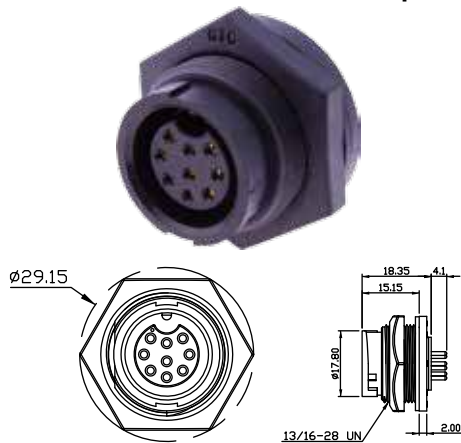
## C3 Plastic Panel Mount Male Lock Solder



At Rear of Panel	Contacts	Ordering No.
C3 2A 18P Panel Mount Male Lock Solder	18	GT153210-01180
C3 5A 7P Panel Mount Male Lock Solder	7	GT153210-02070
C3 5A 8P Panel Mount Male Lock Solder	8	GT153210-02080
C3 5A 9P Panel Mount Male Lock Solder	9	GT153210-02090
C3 5A 14P Panel Mount Male Lock Solder	14	GT153210-02140

At Rear of Panel	Contacts	Ordering No.
C3 10A 2P Panel Mount Male Lock Solder	2	GT153210-03020
C3 10A 3P Panel Mount Male Lock Solder	3	GT153210-03030
C3 10A 4P Panel Mount Male Lock Solder	4	GT153210-03040
C3 10A 5P Panel Mount Male Lock Solder	5	GT153210-03050

## C3 Plastic Panel Mount Female Lock Dip



At Rear of Panel	Contacts	Ordering No.
C3 5A 7P Panel Mount Female Lock Dip	7	GT153200-12070
C3 5A 8P Panel Mount Female Lock Dip	8	GT153200-12080
C3 5A 9P Panel Mount Female Lock Dip	9	GT153200-12090
C3 10A 2P Panel Mount Female Lock Dip	2	GT153200-13020
C3 10A 3P Panel Mount Female Lock Dip	3	GT153200-13030

At Rear of Panel	Contacts	Ordering No.
C3 10A 4P Panel Mount Female Lock Dip	4	GT153200-13040
C3 10A 5P Panel Mount Female Lock Dip	5	GT153200-13050

# Circular 3 Connector Series

## C3 Plastic Panel Mount Male Lock Dip



At Rear of Panel	Contacts	Ordering No.
C3 2A 18P Panel Mount Male Lock Dip	18	GT153210-11180
C3 5A 7P Panel Mount Male Lock Dip	7	GT153210-12070
C3 5A 8P Panel Mount Male Lock Dip	8	GT153210-12080
C3 5A 9P Panel Mount Male Lock Dip	9	GT153210-12090
C3 5A 14P Panel Mount Male Lock Dip	14	GT153210-12140

At Rear of Panel	Contacts	Ordering No.
C3 10A 2P Panel Mount Male Lock Dip	2	GT153210-13020
C3 10A 3P Panel Mount Male Lock Dip	3	GT153210-13030
C3 10A 4P Panel Mount Male Lock Dip	4	GT153210-13040
C3 10A 5P Panel Mount Male Lock Dip	5	GT153210-13050

## C3 Plastic Panel Mount Female Screw Solder



At Rear of Panel	Contacts	Ordering No.
C3 5A 7P Panel Mount Female Screw Solder	7	GT153300-02070
C3 5A 8P Panel Mount Female Screw Solder	8	GT1533 00-02080
C3 5A 9P Panel Mount Female Screw Solder	9	GT153300-02090
C3 10A 2P Panel Mount Female Screw Solder	2	GT153300-03020
C3 10A 3P Panel Mount Female Screw Solder	3	GT153300-03030

## C3 Plastic Panel Mount Female Lock Solder



At Rear of Panel	Contacts	Ordering No.
C3 5A 7P Panel Mount Female Lock Solder	7	GT153200-02070
C3 5A 9P Panel Mount Female Lock Solder	9	GT153200-02090
C3 10A 4P Panel Mount Female Lock Solder	4	GT153200-03040
C3 10A 5P Panel Mount Female Lock Solder	5	GT153200-03050

C3 Plastic Panel Mount Male Screw Solder



At Rear of Panel	Contacts	Ordering No.
C3 2A 18P Panel Mount Male Screw Solder	18	GT153310-01180
C3 5A 14P Panel Mount Male Screw Solder	14	GT153310-02140
C3 10A 2P Panel Mount Male Screw Solder	2	GT153310-03020
C3 10A 3P Panel Mount Male Screw Solder	3	GT153310-03030
C3 10A 4P Panel Mount Male Screw Solder	4	GT153310-03040

At Rear of Panel	Contacts	Ordering No.
C3 10A 5P Panel Mount Male Screw Solder	5	GT153310-03050
C3 10A 6P Panel Mount Male Screw Solder	6	GT153310-03060

Circular Series

C3 Plastic Panel Mount Male Twist Lock Dip



At Rear of Panel	Contacts	Ordering No.
C3 5A 14P Panel Mount Male Twist Lock Dip	14	GT153110-12140

C3 Plastic Panel Mount Male Twist Lock Solder



At Rear of Panel	Contacts	Ordering No.
C3 5A 14P Panel Mount Male Twist Lock Solder	14	GT153110-02140

# Circular 4 Connector Series

## C4 Plastic Panel Mount Female Lock Solder



At Rear of Panel	Contacts	Ordering No.
C4 2A 15P Panel Mount Female Lock Solder	15	GT154200-01150
C4 2A 21P Panel Mount Female Lock Solder	21	GT154200-01210
C4 2A 22P Panel Mount Female Lock Solder	22	GT154200-01220
C4 2A 24P Panel Mount Female Lock Solderr	24	GT154200-01240
C4 2A 26P Panel Mount Female Lock Solder	26	GT154200-01260
C4 5A 14P Panel Mount Female Lock Solder	14	GT154200-02140

At Rear of Panel	Contacts	Ordering No.
C4 5A 16P Panel Mount Female Lock Solder	16	GT154200-02160
C4 5A 18P Panel Mount Female Lock Solder	18	GT154200-02180
C4 10A 6P Panel Mount Female Lock Solder	6	GT154200-03060
C4 10A 9P Panel Mount Female Lock Solder	9	GT154200-03090
C4 30A 3P Panel Mount Female Lock Solder	3	GT154200-05030

## C4 Plastic Panel Male Lock Solder



At Rear of Panel	Contacts	Ordering No.
C4 5A 18P Panel Mount Male Lock Solder	18	GT154210-02180
C4 30A 3P Panel Mount Male Lock Solder	3	GT154210-05030

## C4 Plastic Panel Female Lock Dip



At Rear of Panel	Contacts	Ordering No.
C4 2A 26P Panel Mount Female Lock Dip	26	GT154200-11260
C4 5A 18P Panel Mount Female Lock Dip	18	GT154200-12180

## C4 Plastic Panel Male Lock Dip



At Rear of Panel	Contacts	Ordering No.
C4 5A 18P Panel Mount Male Lock Dip	18	GT154210-12180

## C4 Plastic Panel Male Screw Solder



At Rear of Panel	Contacts	Ordering No.
C4 2A 20P Panel Mount Male Screw Solder	20	GT154310-01200
C4 5A 18P Panel Mount Male Screw Solder	18	GT154310-02180

## C4 Plastic Panel Male Screw Dip



At Rear of Panel	Contacts	Ordering No.
C4 5A 18P Panel Mount Male Screw Dip	18	GT154310-12180

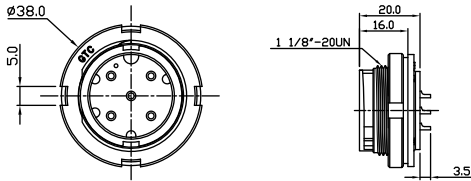
## C4 Plastic Panel Male Twist Lock Solder



At Rear of Panel	Contacts	Ordering No.
C4 10A 5P Panel Mount Male Twist Lock Solder	5	GT154110-03050
C4 10A 9P Panel Mount Male Twist Lock Solder	9	GT154110-03090

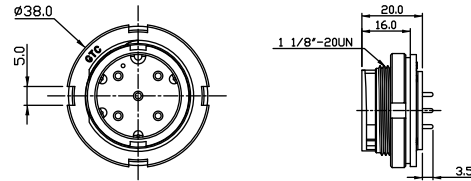
# Circular 5 Connector Series

C5 Plastic Panel Male Lock Solder



At Rear of Panel	Contacts	Ordering No.
C5 10A 2P Panel Mount Male Lock Solder	2	GT155210-03020
C5 10A 3P Panel Mount Male Lock Solder	3	GT155210-03030
C5 10A 4P Panel Mount Male Lock Solder	4	GT155210-03040
C5 10A 5P Panel Mount Male Lock Solder	5	GT155210-03050

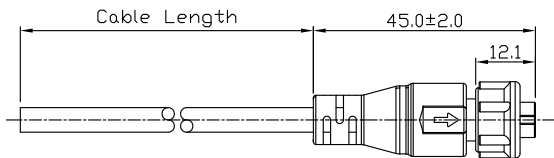
C5 Plastic Panel Male Lock Dip



At Rear of Panel	Contacts	Ordering No.
C5 10A 2P Panel Mount Male Lock Dip	2	GT155210-13020
C5 10A 3P Panel Mount Male Lock Dip	3	GT155210-13030
C5 10A 4P Panel Mount Male Lock Dip	4	GT155210-13040
C5 10A 5P Panel Mount Male Lock Dip	5	GT155210-13050

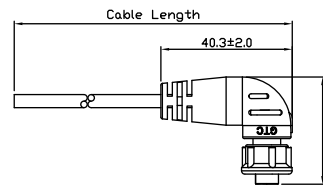
# Circular 1 Connector Series

C1 Plastic Cable End Female Lock Type



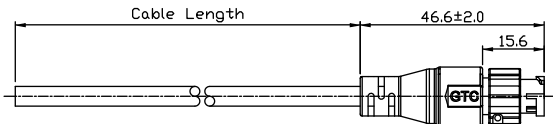
At Rear Of Cable	Contacts	Ordering No.
C1 2A 4P Cable End Female Lock Blunt Cut	4	GT151224-2104X-XX
C1 2A 5P Cable End Female Lock Blunt Cut	5	GT151224-2105X-XX
C1 2A 6P Cable End Female Lock Blunt Cut	6	GT151224-2106X-XX
C1 5A 2P Cable End Female Lock Blunt Cut	2	GT151224-2202X-XX
C1 5A 3P Cable End Female Lock Blunt Cut	3	GT151224-2203X-XX

C1 Plastic Cable End 90° Key Down Female Lock Type



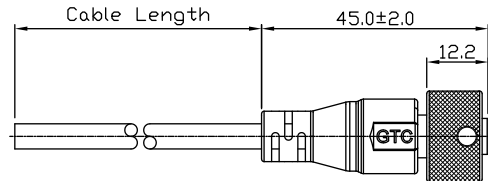
At Rear Of Cable	Contacts	Ordering No.
C1 2A 4P Cable End Female Lock 90° Key Down Blunt Cut	4	GT151229-2104X-XX
C1 2A 5P Cable End Female Lock 90° Key Down Blunt Cut	5	GT151229-2105X-XX
C1 2A 6P Cable End Female Lock 90° Key Down Blunt Cut	6	GT151229-2106X-XX
C1 5A 2P Cable End Female Lock 90° Key Down Blunt Cut	2	GT151229-2202X-XX
C1 5A 3P Cable End Female Lock 90° Key Down Blunt Cut	3	GT151229-2203X-XX

## C1 Plastic Cable To Cable Male Lock Type



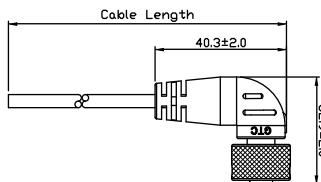
At Rear Of Cable	Contacts	Ordering No.
C1 2A 4P Cable To Cable Male Lock Blunt Cut	4	GT151254-2104X-XX
C1 2A 5P Cable To Cable Male Lock Blunt Cut	5	GT151254-2105X-XX
C1 2A 6P Cable To Cable Male Lock Blunt Cut	6	GT151254-2106X-XX
C1 5A 2P Cable To Cable Male Lock Blunt Cut	2	GT151254-2202X-XX
C1 5A 3P Cable To Cable Male Lock Blunt Cut	3	GT151254-2203X-XX

## C1 Metal Cable End Female Lock Type



At Rear Of Cable	Contacts	Ordering No.
C1 Metal 2A 4P Cable End Female Lock Blunt Cut	4	GT251224-2104X-XX
C1 Metal 2A 5P Cable End Female Lock Blunt Cut	5	GT251224-2105X-XX
C1 Metal 2A 6P Cable End Female Lock Blunt Cut	6	GT251224-2106X-XX
C1 Metal 5A 2P Cable End Female Lock Blunt Cut	2	GT251224-22021-XX
C1 Metal 5A 3P Cable End Female Lock Blunt Cut	3	GT251224-22031-XX

## C1 Metal Cable End 90° Key Down Female Lock Type



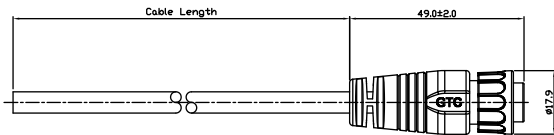
At Rear Of Cable	Contacts	Ordering No.
C1 Metal 2A 4P Cable End Female Lock 90° Key Down Blunt Cut	4	GT251229-2104X-XX
C1 Metal 2A 5P Cable End Female Lock 90° Key Down Blunt Cut	5	GT251229-2105X-XX
C1 Metal 2A 6P Cable End Female Lock 90° Key Down Blunt Cut	6	GT251229-2106X-XX

At Rear Of Cable	Contacts	Ordering No.
C1 Metal 5A 2P Cable End Female Lock 90° Key Down Blunt Cut	2	GT251229-2202X-XX
C1 Metal 5A 3P Cable End Female Lock 90° Key Down Blunt Cut	3	GT251229-2203X-XX



# Circular 2 Connector Series

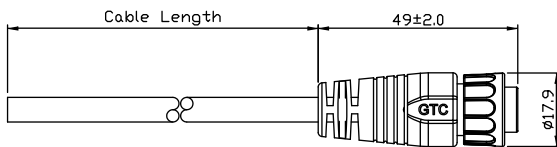
## C2 Plastic Cable End Female Lock Type



At Rear Of Cable	Contacts	Ordering No.
C2 2A 10P Cable End Female Lock Blunt Cut	10	GT152224-2110X-XX
C2 2A 12P Cable End Female Lock Blunt Cut	12	GT152224-2112X-XX
C2 2A 14P Cable End Female Lock Blunt Cut	14	GT152224-2114X-XX
C2 5A 2P Cable End Female Lock Blunt Cut	2	GT152224-2202X-XX
C2 5A 3P Cable End Female Lock Blunt Cut	3	GT152224-2203X-XX
C2 5A 4P Cable End Female Lock Blunt Cut	4	GT152224-2204X-XX

At Rear Of Cable	Contacts	Ordering No.
C2 5A 5P Cable End Female Lock Blunt Cut	5	GT152224-2205X-XX
C2 5A 6P Cable End Female Lock Blunt Cut	6	GT152224-2206X-XX
C2 5A 7P Cable End Female Lock Blunt Cut	7	GT152224-2207X-XX
C2 5A 8P Cable End Female Lock Blunt Cut	8	GT152224-2208X-XX
C2 10A 2P Cable End Female Lock Blunt Cut	2	GT152224-2302X-XX
C2 10A 3P Cable End Female Lock Blunt Cut	3	GT152224-2303X-XX
C2 10A 4P Cable End Female Lock Blunt Cut	4	GT152224-2304X-XX

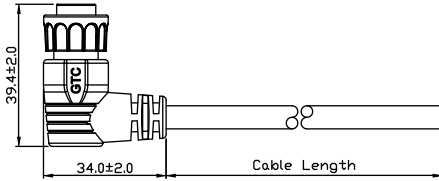
## C2 Plastic Cable End Male Lock Type



At Rear Of Cable	Contacts	Ordering No.
C2 5A 2P Cable End Male Lock Blunt Cut	2	GT152234-2202X-XX
C2 5A 3P Cable End Male Lock Blunt Cut	3	GT152234-2203X-XX
C2 5A 4P Cable End Male Lock Blunt Cut	4	GT152234-2204X-XX
C2 5A 5P Cable End Male Lock Blunt Cut	5	GT152234-2205X-XX
C2 5A 6P Cable End Male Lock Blunt Cut	6	GT152234-2206X-XX

At Rear Of Cable	Contacts	Ordering No.
C2 5A 7P Cable End Male Lock Blunt Cut	7	GT152234-2207X-XX
C2 5A 8P Cable End Male Lock Blunt Cut	8	GT152234-2208X-XX

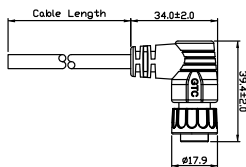
## C2 Plastic Cable End 90° Female Lock Type



At Rear Of Cable	Contacts	Ordering No.
C2 2A 10P Cable End Female 90° Lock Blunt Cut	10	GT152225-2110X-XX
C2 2A 12P Cable End Female 90° Lock Blunt Cut	12	GT152225-2112X-XX
C2 2A 14P Cable End Female 90° Lock Blunt Cut	14	GT152225-2114X-XX
C2 5A 2P Cable End Female 90° Lock Blunt Cut	2	GT152225-2202X-XX
C2 5A 3P Cable End Female 90° Lock Blunt Cut	3	GT152225-2203X-XX
C2 5A 4P Cable End Female 90° Lock Blunt Cut	4	GT152225-2204X-XX

At Rear Of Cable	Contacts	Ordering No.
C2 5A 5P Cable End Female 90° Lock Blunt Cut	5	GT152225-2205X-XX
C2 5A 6P Cable End Female 90° Lock Blunt Cut	6	GT152225-2206X-XX
C2 5A 7P Cable End Female 90° Lock Blunt Cut	7	GT152225-2207X-XX
C2 5A 8P Cable End Female 90° Lock Blunt Cut	8	GT152225-2208X-XX
C2 10A 2P Cable End Female 90° Lock Blunt Cut	2	GT152225-2302X-XX
C2 10A 3P Cable End Female 90° Lock Blunt Cut	3	GT152225-2303X-XX
C2 10A 4P Cable End Female 90° Lock Blunt Cut	4	GT152225-2304X-XX

## C2 Plastic Cable End 90° Male Lock Type

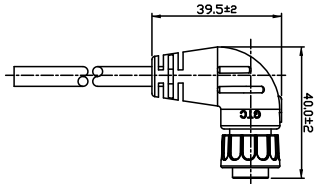


At Rear Of Cable	Contacts	Ordering No.
C2 5A 2P Cable End Male 90° Lock Blunt Cut	2	GT152235-2202X-XX
C2 5A 3P Cable End Male 90° Lock Blunt Cut	3	GT152235-2203X-XX
C2 5A 4P Cable End Male 90° Lock Blunt Cut	4	GT152235-2204X-XX
C2 5A 5P Cable End Male 90° Lock Blunt Cut	5	GT152235-2205X-XX
C2 5A 6P Cable End Male 90° Lock Blunt Cut	6	GT152235-2206X-XX

At Rear Of Cable	Contacts	Ordering No.
C2 5A 7P Cable End Male 90° Lock Blunt Cut	7	GT152235-2207X-XX
C2 5A 8P Cable End Male 90° Lock Blunt Cut	8	GT152235-2208X-XX

# Circular 2 Connector Series

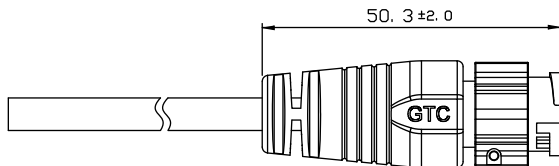
## C2 Plastic Cable End 90° Key Down Female Lock Type



At Rear Of Cable	Contacts	Ordering No.
C2 2A 10P Cable End Female 90° Key Down Lock Blunt Cut	10	GT152229-2110X-XX
C2 2A 12P Cable End Female 90° Key Down Lock Blunt Cut	12	GT152229-2112X-XX
C2 2A 14P Cable End Female 90° Key Down Lock Blunt Cut	14	GT152229-2114X-XX
C2 5A 2P Cable End Female 90° Key Down Lock Blunt Cut	2	GT152229-2202X-XX
C2 5A 3P Cable End Female 90° Key Down Lock Blunt Cut	3	GT152229-2203X-XX

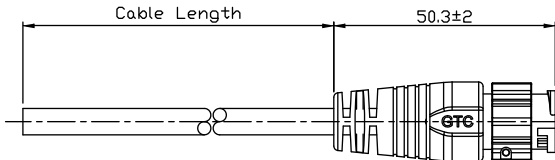
At Rear Of Cable	Contacts	Ordering No.
C2 5A 4P Cable End Female 90° Key Down Lock Blunt Cut	4	GT152224-2204X-XX
C2 5A 5P Cable End Female 90° Key Down Lock Blunt Cut	5	GT152224-2205X-XX
C2 5A 6P Cable End Female 90° Key Down Lock Blunt Cut	6	GT152224-2206X-XX
C2 5A 7P Cable End Female 90° Key Down Lock Blunt Cut	7	GT152224-2207X-XX
C2 5A 8P Cable End Female 90° Key Down Lock Blunt Cut	8	GT152224-2208X-XX
C2 10A 2P Cable End Female 90° Key Down Lock Blunt Cut	2	GT152224-2302X-XX
C2 10A 3P Cable End Female 90° Key Down Lock Blunt Cut	3	GT152224-2303X-XX
C2 10A 4P Cable End Female 90° Key Down Lock Blunt Cut	4	GT152224-2304X-XX

## C2 Plastic Cable To Cable Female Lock Type



At Rear Of Cable	Contacts	Ordering No.
C2 5A 6P Cable To Cable Female Lock Blunt Cut	6	GT152244-2206X-XX

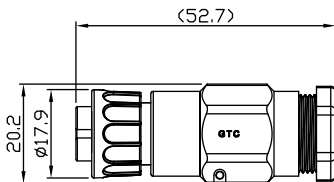
## C2 Plastic Cable To Cable Male Lock Type



At Rear Of Cable	Contacts	Ordering No.
C2 2A 10P Cable To Cable Male Lock Blunt Cut	10	GT152254-2110X-XX
C2 2A 12P Cable To Cable Male Lock Blunt Cut	12	GT152254-2112X-XX
C2 5A 2P Cable To Cable Male Lock Blunt Cut	2	GT152254-2202X-XX
C2 5A 3P Cable To Cable Male Lock Blunt Cut	3	GT152254-2203X-XX
C2 5A 4P Cable To Cable Male Lock Blunt Cut	4	GT152254-2204X-XX
C2 5A 5P Cable To Cable Male Lock Blunt Cut	5	GT152254-2205X-XX

At Rear Of Cable	Contacts	Ordering No.
C2 5A 6P Cable To Cable Male Lock Blunt Cut	6	GT152254-2206X-XX
C2 5A 7P Cable To Cable Male Lock Blunt Cut	7	GT152254-2207X-XX
C2 5A 8P Cable To Cable Male Lock Blunt Cut	8	GT152254-2208X-XX
C2 10A 2P Cable To Cable Male Lock Blunt Cut	2	GT152254-2302X-XX
C2 10A 3P Cable To Cable Male Lock Blunt Cut	3	GT152254-2303X-XX
C2 10A 4P Cable To Cable Male Lock Blunt Cut	4	GT152254-2304X-XX

## C2 Plastic Cable End Field Installable Female Lock Type

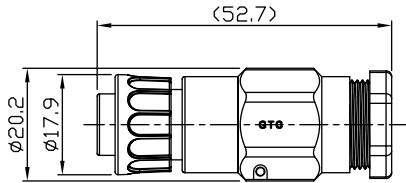


At Rear Of Cable	Contacts	Ordering No.
C2 2A 10P Cable End Field Installable Female Twist Lock	12	GT152164-21120
C2 2A 10P Cable End Field Installable Female Lock	10	GT152264-21100
C2 2A 12P Cable End Field Installable Female Lock	12	GT152264-21120
C2 5A 3P Cable End Field Installable Female Lock	3	GT152264-22030
C2 5A 4P Cable End Field Installable Female Lock	4	GT152264-22040
C2 5A 5P Cable End Field Installable Female Lock	5	GT152264-22050

At Rear Of Cable	Contacts	Ordering No.
C2 5A 6P Cable End Field Installable Female Lock	6	GT152264-22060
C2 5A 7P Cable End Field Installable Female Lock	7	GT152264-22070
C2 5A 8P Cable End Field Installable Female Lock	8	GT152264-22080
C2 5A 8P Cable End Field Installable Female Lock	8	GT152264-2308B
C2 10A 3P Cable End Field Installable Female Lock	3	GT152264-23030
C2 10A 3P Cable End Field Installable Female Lock	3	GT152264-2303B
C2 10A 4P Cable End Field Installable Female Lock	4	GT152264-23040

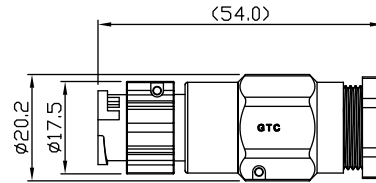
# Circular 2 Connector Series

## C2 Plastic Cable End Field Installable Male Lock Type



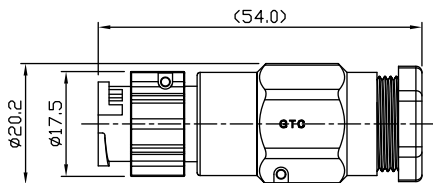
At Rear Of Cable	Contacts	Ordering No.
C2 5A 2P Cable End Field Installable Male Lock	2	GT152274-22020
C2 5A 3P Cable End Field Installable Male Lock	3	GT152274-22030
C2 5A 4P Cable End Field Installable Male Lock	4	GT152274-22040
C2 5A 5P Cable End Field Installable Male Lock	5	GT152274-22050
C2 5A 6P Cable End Field Installable Male Lock	6	GT152274-22060

## C2 Plastic Cable To Cable Field Installable Female Lock Type



At Rear Of Cable	Contacts	Ordering No.
C2 5A 6P Cable To Cable Field Installable Female Lock	6	GT152284-22060

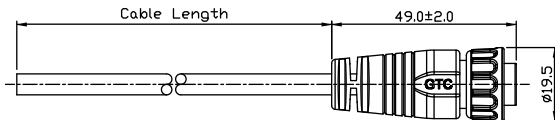
## C2 Plastic Cable To Cable Field Installable Male Lock Type



At Rear Of Cable	Contacts	Ordering No.
C2 2A 10P Cable To Cable Field Installable Male Lock	10	GT152294-21100
C2 2A 12P Cable To Cable Field Installable Male Lock	12	GT152294-21120
C2 5A 4P Cable To Cable Field Installable Male Lock	4	GT152294-22040
C2 5A 5P Cable To Cable Field Installable Male Lock	5	GT152294-22050
C2 5A 6P Cable To Cable Field Installable Male Lock	6	GT152294-22060
C2 5A 8P Cable To Cable Field Installable Male Lock	8	GT152294-22080
C2 5A 8P Cable To Cable Field Installable Male Lock	8	GT152294-2208B

At Rear Of Cable	Contacts	Ordering No.
C2 10A 3P Cable To Cable Field Installable Male Lock	3	GT152294-23030
C2 10A 3P Cable To Cable Field Installable Male Lock	3	GT152294-2303B
C2 10A 4P Cable To Cable Field Installable Male Lock	4	GT152294-23040

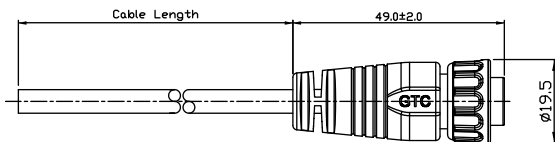
## C2 Plastic Cable End Female Screw Type



At Rear Of Cable	Contacts	Ordering No.
C2 2A 10P Cable End Female Screw Blunt Cut	10	GT152324-2110X-XX
C2 2A 12P Cable End Female Screw Blunt Cut	12	GT152324-2112X-XX
C2 2A 14P Cable End Female Screw Blunt Cut	14	GT152324-2114X-XX
C2 5A 2P Cable End Female Screw Blunt Cu	2	GT152324-2202X-XX
C2 5A 3P Cable End Female Screw Blunt Cut	3	GT152324-2203X-XX
C2 5A 4P Cable End Female Screw Blunt Cut	4	GT152324-2204X-XX

At Rear Of Cable	Contacts	Ordering No.
C2 5A 5P Cable End Female Screw Blunt Cut	5	GT152324-2205X-XX
C2 5A 6P Cable End Female Screw Blunt Cut	6	GT152324-2206X-XX
C2 5A 7P Cable End Female Screw Blunt Cut	7	GT152324-2207X-XX
C2 5A 8P Cable End Female Screw Blunt Cut	8	GT152324-2208X-XX
C2 10A 2P Cable End Female Screw Blunt Cut	2	GT152324-2302X-XX
C2 10A 3P Cable End Female Screw Blunt Cut	3	GT152324-2303X-XX
C2 10A 4P Cable End Female Screw Blunt Cut	4	GT152254-2304X-XX

## C2 Plastic Cable End Male Screw Type

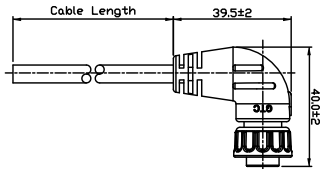


At Rear Of Cable	Contacts	Ordering No.
C2 5A 2P Cable End Male Screw Blunt Cut	2	GT152334-2202X-XX
C2 5A 3P Cable End Male Screw Blunt Cut	3	GT152334-2203X-XX
C2 5A 4P Cable End Male Screw Blunt Cut	4	GT152334-2204X-XX
C2 5A 5P Cable End Male Screw Blunt Cut	5	GT152334-2205X-XX
C2 5A 6P Cable End Male Screw Blunt Cut	6	GT152334-2206X-XX

At Rear Of Cable	Contacts	Ordering No.
C2 5A 7P Cable End Male Screw Blunt Cut	7	GT152334-2207X-XX
C2 5A 8P Cable End Male Screw Blunt Cut	8	GT152334-2208X-XX

# Circular 2 Connector Series

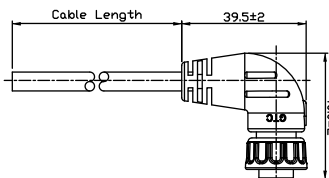
## C2 Plastic Cable End 90° Female Screw Type



At Rear Of Cable	Contacts	Ordering No.
C2 2A 10P Cable End 90° Female Screw Blunt Cut	10	GT152325-2110X-XX
C2 2A 12P Cable End 90° Female Screw Blunt Cut	12	GT152325-2112X-XX
C2 2A 14P Cable End 90° Female Screw Blunt Cut	14	GT152325-2114X-XX
C2 5A 2P Cable End 90° Female Screw Blunt Cut	2	GT152325-2202X-XX
C2 5A 3P Cable End 90° Female Screw Blunt Cut	3	GT152325-2203X-XX
C2 5A 4P Cable End 90° Female Screw Blunt Cut	4	GT152325-2204X-XX

At Rear Of Cable	Contacts	Ordering No.
C2 5A 5P Cable End 90° Female Screw Blunt Cut	5	GT152325-2205X-XX
C2 5A 6P Cable End 90° Female Screw Blunt Cut	6	GT152325-2206X-XX
C2 5A 7P Cable End 90° Female Screw Blunt	7	GT152325-2207X-XX
C2 5A 8P Cable End 90° Female Screw Blunt Cut	8	GT152325-2208X-XX
C2 10A 2P Cable End 90° Female Screw Blunt Cut	2	GT152325-2302X-XX
C2 10A 3P Cable End 90° Female Screw Blunt Cut	3	GT152325-2303X-XX
C2 10A 4P Cable End 90° Female Screw Blunt Cut	4	GT152325-2304X-XX

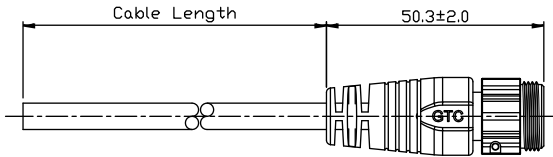
## C2 Plastic Cable End 90° Male Screw Type



At Rear Of Cable	Contacts	Ordering No.
C2 5A 2P Cable End 90° Male Screw Blunt Cut	2	GT152335-2202X-XX
C2 5A 3P Cable End 90° Male Screw Blunt Cut	3	GT152335-2203X-XX
C2 5A 4P Cable End 90° Male Screw Blunt Cut	4	GT152335-2204X-XX
C2 5A 5P Cable End 90° Male Screw Blunt Cut	5	GT152335-2205X-XX
C2 5A 6P Cable End 90° Male Screw Blunt Cut	6	GT152335-2206X-XX

At Rear Of Cable	Contacts	Ordering No.
C2 5A 7P Cable End 90° Male Screw Blunt Cut	7	GT152335-2207X-XX
C2 5A 8P Cable End 90° Male Screw Blunt Cut	8	GT152335-2208X-XX

C2 Plastic Cable To Cable Male Screw Type

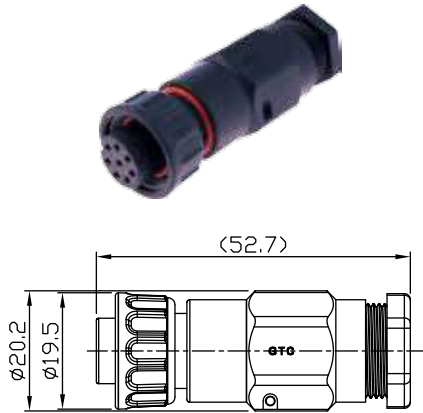


At Rear Of Cable	Contacts	Ordering No.
C2 10A 3P Cable To Cable Male Screw Blunt Cut	3	GT152354-2303X-XX



# Circular 2 Connector Series

## C2 Plastic Cable End Field Installable Female Screw Type



At Rear Of Cable	Contacts	Ordering No.
C2 2A 3P Cable End Field Installable Female Lock	3	GT152264-21030
C2 2A 5P Cable End Field Installable Female Lock	5	GT152264-21050
C2 2A 7P Cable End Field Installable Female Lock	7	GT152264-21070
C2 2A 8P Cable End Field Installable Female Lock	8	GT152264-21080
C2 2A 9P Cable End Field Installable Female Lock	9	GT152264-21090

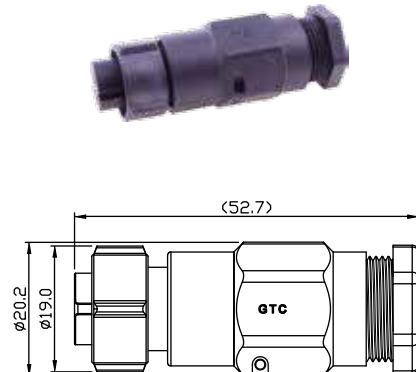
At Rear Of Cable	Contacts	Ordering No.
C2 2A 10P Cable End Field Installable Female Screw	10	GT152364-21100
C2 2A 12P Cable End Field Installable Female Screw	12	GT152364-21120
C2 5A 3P Cable End Field Installable Female Screw	3	GT152364-22030
C2 5A 4P Cable End Field Installable Female Screw	4	GT152364-22040
C2 5A 5P Cable End Field Installable Female Screw	5	GT152364-22050
C2 5A 6P Cable End Field Installable Female Screw	6	GT152364-22060
C2 5A 7P Cable End Field Installable Female Screw	7	GT152364-22070
C2 5A 8P Cable End Field Installable Female Screw	8	GT152364-22080
C2 10A 3P Cable End Field Installable Female Screw	3	GT152364-23030
C2 10A 4P Cable End Field Installable Female Screw	4	GT152364-23040

## C2 Plastic Cable End Field Installable Male Screw Type



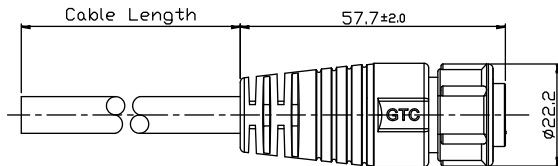
At Rear Of Cable	Contacts	Ordering No.
C2 5A 2P Cable End Field Installable Male Screw	2	GT152374-22020
C2 5A 3P Cable End Field Installable Male Screw	3	GT152374-22030
C2 5A 4P Cable End Field Installable Male Screw	4	GT152374-22040
C2 5A 5P Cable End Field Installable Male Screw	5	GT152374-22050
C2 5A 6P Cable End Field Installable Male Screw	6	GT152374-22060

## C2 Plastic Cable End Field Installable Female Twist Lock Type



At Rear Of Cable	Contacts	Ordering No.
C2 2A 12P Cable End Field Installable Female Twist Lock	12	GT152164-21120

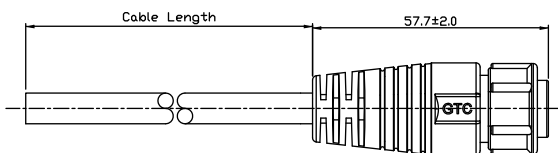
## C3 Plastic Cable End Female Lock Type



At Rear Of Cable	Contacts	Ordering No.
C3 2A 16P Cable End Female Lock Blunt Cut	16	GT153224-2116X-XX
C3 2A 18P Cable End Female Lock Blunt Cut	18	GT153224-2118X-XX
C3 5A 9P Cable End Female Lock Blunt Cut	9	GT153224-2209X-XX
C3 5A 12P Cable End Female Lock Blunt Cut	12	GT153224-2212X-XX
C3 5A 14P Cable End Female Lock Blunt Cut	14	GT153224-2214X-XX

At Rear Of Cable	Contacts	Ordering No.
C3 10A 2P Cable End Female Lock Blunt Cut	2	GT153224-2302X-XX
C3 10A 3P Cable End Female Lock Blunt Cut	3	GT153224-2303X-XX
C3 10A 4P Cable End Female Lock Blunt Cut	4	GT153224-2304X-XX
C3 10A 5P Cable End Female Lock Blunt Cut	5	GT153224-2305X-XX

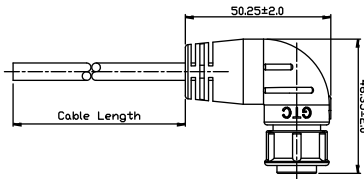
## C3 Plastic Cable End Male Lock Type



At Rear Of Cable	Contacts	Ordering No.
C3 5A 9P Cable End Male Lock Blunt Cut	9	GT153234-2209X-XX
C3 10A 2P Cable End Male Lock Blunt Cut	2	GT153234-2302X-XX
C3 10A 3P Cable End Male Lock Blunt Cut	3	GT153234-2303X-XX
C3 10A 4P Cable End Male Lock Blunt Cut	4	GT153234-2304X-XX
C3 10A 5P Cable End Male Lock Blunt Cut	5	GT153234-2305X-XX

# Circular 3 Connector Series

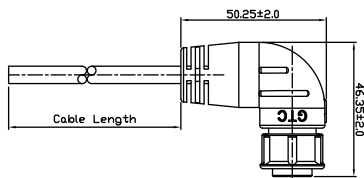
## C3 Plastic Cable End 90° Female Lock Type



At Rear Of Cable	Contacts	Ordering No.
C3 5A 9P Cable End 90° Female Lock Blunt Cut	9	GT153225-2209X-XX
C3 5A 12P Cable End 90° Female Lock Blunt Cut	12	GT153225-2212X-XX
C3 5A 14P Cable End 90° Female Lock Blunt Cut	14	GT153225-2214X-XX
C3 10A 2P Cable End 90° Female Lock Blunt Cut	2	GT153225-2302X-XX
C3 10A 3P Cable End 90° Female Lock Blunt Cut	3	GT153225-2303X-XX

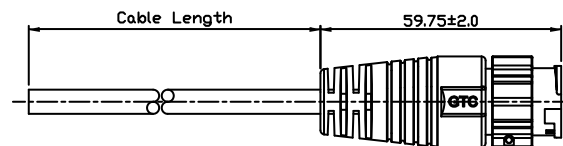
At Rear Of Cable	Contacts	Ordering No.
C3 10A 4P Cable End 90° Female Lock Blunt Cut	4	GT153225-2304X-XX
C3 10A 5P Cable End 90° Female Lock Blunt Cut	5	GT153225-2305X-XX

## C3 Plastic Cable End 90° Male Lock Type



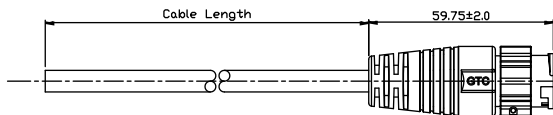
At Rear Of Cable	Contacts	Ordering No.
C3 5A 9P Cable End 90° Male Lock Blunt Cut	9	GT153235-2209X-XX
C3 10A 2P Cable End 90° Male Lock Blunt Cut	2	GT153235-2302X-XX
C3 10A 3P Cable End 90° Male Lock	3	GT153235-2303X-XX
C3 10A 4P Cable End 90° Male Lock	4	GT153235-2304X-XX
C3 10A 5P Cable End 90° Male Lock	5	GT153235-2305X-XX

## C3 Plastic Cable To Cable Female Lock Type



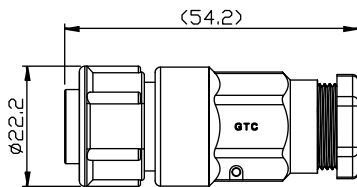
At Rear Of Cable	Contacts	Ordering No.
C3 10A 3P Cable To Cable Female Lock Blunt Cut	3	GT153244-2303X-XX
C3 10A 4P Cable To Cable Female Lock Blunt Cut	4	GT153244-2304X-XX
C3 10A 5P Cable To Cable Female Lock Blunt Cut	5	GT153244-2305X-XX

## C3 Plastic Cable To Cable Male Lock Type



At Rear Of Cable	Contacts	Ordering No.
C3 5A 14P Cable To Cable Male Lock Blunt Cut	14	GT153254-2214X-XX
C3 10A 2P Cable To Cable Male Lock Blunt Cut	2	GT153254-2302X-XX
C3 10A 3P Cable To Cable Male Lock Blunt Cut	3	GT153254-2303X-XX
C3 10A 4P Cable To Cable Male Lock Blunt Cut	4	GT153254-2304X-XX

## C3 Plastic Cable End Field Installable Female Lock Type

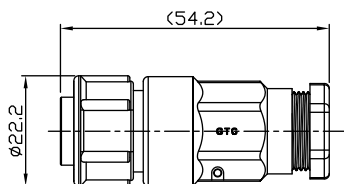


At Rear Of Cable	Contacts	Ordering No.
C3 5A 7P Cable End Field Installable Female Lock Crimp	7	GT153264-22070
C3 5A 8P Cable End Field Installable Female Lock Crimp	8	GT153264-22080
C3 5A 9P Cable End Field Installable Female Lock Crimp	9	GT153264-22090
C3 5A 12P Cable End Field Installable Female Lock Crimp	12	GT153264-22120

At Rear Of Cable	Contacts	Ordering No.
C3 5A 14P Cable End Field Installable Female Lock Crimp	14	GT153264-22140
C3 10A 2P Cable End Field Installable Female Lock Crimp	2	GT153264-23020
C3 10A 3P Cable End Field Installable Female Lock Crimp	3	GT153264-23030
C3 10A 4P Cable End Field Installable Female Lock Crimp	4	GT153264-23040
C3 10A 5P Cable End Field Installable Female Lock Crimp	5	GT153264-23050
C3 10A 6P Cable End Field Installable Female Lock Crimp	6	GT153264-23060

## Circular 3 Connector Series

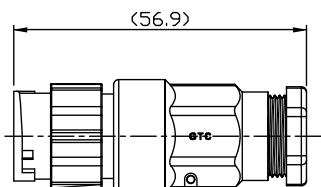
### C3 Plastic Cable End Field Installable Male Lock Type



At Rear Of Cable	Contacts	Ordering No.
C3 5A 7P Cable End Field Installable Male Lock Crimp	7	GT153274-22070
C3 5A 8P Cable End Field Installable Male Lock Crimp	8	GT153274-22080
C3 5A 9P Cable End Field Installable Male Lock Crimp	9	GT153274-22090
C3 10A 2P Cable End Field Installable Male Lock Crimp	2	GT153274-23020

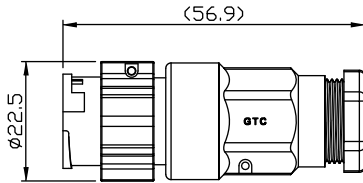
At Rear Of Cable	Contacts	Ordering No.
C3 10A 3P Cable End Field Installable Male Lock Crimp	3	GT153274-23030
C3 10A 4P Cable End Field Installable Male Lock Crimp	4	GT153274-23040
C3 10A 5P Cable End Field Installable Male Lock Crimp	5	GT153274-23050

### C3 Plastic Cable To Cable Field Installable Female Lock Type



At Rear Of Cable	Contacts	Ordering No.
C3 10A 2P Cable To Cable Field Installable Female Lock Crimp	2	GT153284-23020
C3 10A 3P Cable To Cable Field Installable Female Lock Crimp	3	GT153284-23030
C3 10A 4P Cable To Cable Field Installable Female Lock Crimp	4	GT153284-23040
C3 10A 5P Cable To Cable Field Installable Female Lock Crimp	5	GT153284-23050

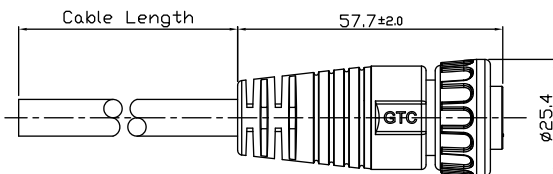
## C3 Plastic Cable To Cable Field Installable Male Lock Type



At Rear Of Cable	Contacts	Ordering No.
C3 5A 7P Cable To Cable Field Installable Male Lock Crimp	7	GT153294-22070
C3 5A 8P Cable To Cable Field Installable Male Lock Crimp	8	GT153294-22080
C3 5A 9P Cable To Cable Field Installable Male Lock Crimp	9	GT153294-22090
C3 5A 12P Cable To Cable Field Installable Male Lock Crimp	12	GT153294-22120

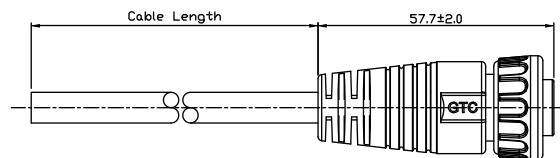
At Rear Of Cable	Contacts	Ordering No.
C3 5A 14P Cable To Cable Field Installable Male Lock Crimp	14	GT153294-22140
C3 10A 2P FCable To Cable Field Installable Male Lock Crimp	2	GT153294-23020
C3 10A 3P Cable To Cable Field Installable Male Lock Crimp	3	GT153294-23030
C3 10A 4P Cable To Cable Field Installable Male Lock Crimp	4	GT153294-23040
C3 10A 5P Cable To Cable Field Installable Male Lock Crimp	5	GT153294-23050

## C3 Plastic Cable End Female Screw Type



At Rear Of Cable	Contacts	Ordering No.
C3 2A 18P Cable End Female Screw Blunt Cut	18	GT153324-2118X-XX
C3 5A 14P Cable End Female Screw Blunt Cut	14	GT153324-2214X-XX
C3 10A 2P Cable End Female Screw Blunt Cut	2	GT153324-2302X-XX
C3 10A 3P Cable End Female Screw Blunt Cut	3	GT153324-2303X-XX
C3 10A 4P Cable End Female Screw Blunt Cut	4	GT153324-2304X-XX
C3 10A 5P Cable End Female Screw Blunt Cut	5	GT153324-2305X-XX
C3 10A 6P Cable End Female Screw Blunt Cut	6	GT153324-2306X-XX

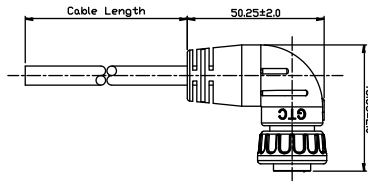
## C3 Plastic Cable End Male Screw Type



At Rear Of Cable	Contacts	Ordering No.
C3 5A 9P Cable End Male Screw Blunt Cut	9	GT153334-2209X-XX

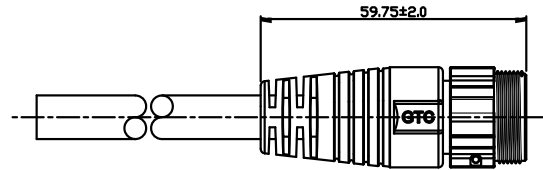
# Circular 3 Connector Series

## C3 Plastic Cable End 90° Female Screw Type



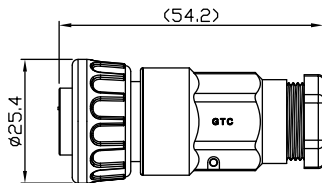
At Rear Of Cable	Contacts	Ordering No.
C3 5A 14P Cable End 90° Female Screw Blunt Cut	14	GT153325-2214X-XX

## C3 Plastic Cable to Cable Male Screw Type



At Rear Of Cable	Contacts	Ordering No.
C3 10A 2P Cable to Cable Male Screw Blunt Cut	2	GT153354-2302X-XX
C3 10A 3P Cable to Cable Male Screw Blunt Cut	3	GT153354-2303X-XX
C3 10A 4P Cable to Cable Male Screw Blunt Cut	4	GT153354-2304X-XX
C3 10A 5P Cable to Cable Male Screw Blunt Cut	5	GT153354-2305X-XX

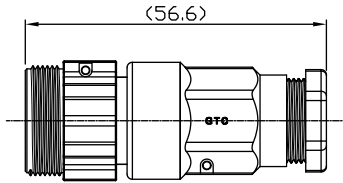
## C3 Plastic Cable End Field Installable Female Screw Type



At Rear Of Cable	Contacts	Ordering No.
C3 5A 7P Cable End Field Installable Female Screw Crimp	7	GT153364-22070
C3 5A 8P Cable End Field Installable Female Screw Crimp	8	GT153364-22080
C3 5A 9P Cable End Field Installable Female Screw Crimp	9	GT153364-22090
C3 5A 12P Cable End Field Installable Female Screw Crimp	12	GT153364-22120

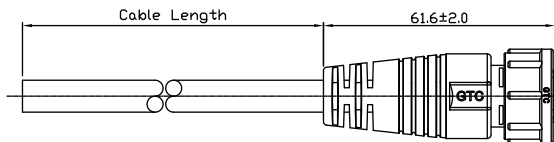
At Rear Of Cable	Contacts	Ordering No.
C3 5A 14P Cable End Field Installable Female Screw Crimp	14	GT153364-22140

**C3 Plastic Cable To Cable Field Installable Male Screw Type**



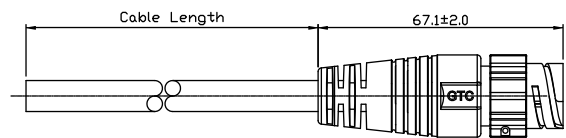
At Rear Of Cable	Contacts	Ordering No.
C3 5A 12P Cable To Cable Field Installable Male Screw Crimp	12	GT153394-22120
C3 5A 14P Cable To Cable Field Installable Male Screw Crimp	14	GT153394-22140

**C3 Plastic Cable End Female Twist Lock Type**



At Rear Of Cable	Contacts	Ordering No.
C3 5A 14P Cable End Female Twist Lock Blunt Cut	14	GT153124-2214X-XX

**C3 Plastic Cable To Cable Male Twist Lock Type**

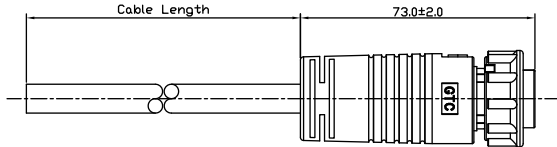


At Rear Of Cable	Contacts	Ordering No.
C3 5A 14P Cable To Cable Male Twist Lock Blunt Cut	14	GT153154-2214X-XX



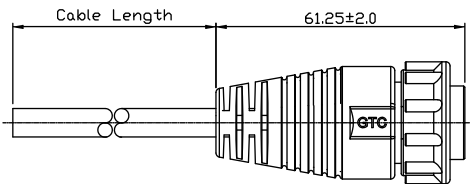
# Circular 4 Connector Series

## C4 Plastic Cable End Female Lock Type Crimp



At Rear Of Cable	Contacts	Ordering No.
C4 30A 3P Cable End Female Lock Blunt Cut	3	GT154224-2503X-XX

## C4 Plastic Cable End Male Lock Type Crimp



At Rear Of Cable	Contacts	Ordering No.
C4 2A 15P Cable End Male Lock Blunt Cut	15	GT154234-2115X-XX
C4 2A 21P Cable End Male Lock Blunt Cut	21	GT154234-2121X-XX
C4 2A 26P Cable End Male Lock Blunt Cut	26	GT154234-2126X-XX
C4 5A 18P Cable End Male Lock Blunt Cut	18	GT154234-2218X-XX
C4 10A 6P Cable End Male Lock Blunt Cut	6	GT154234-2306X-XX

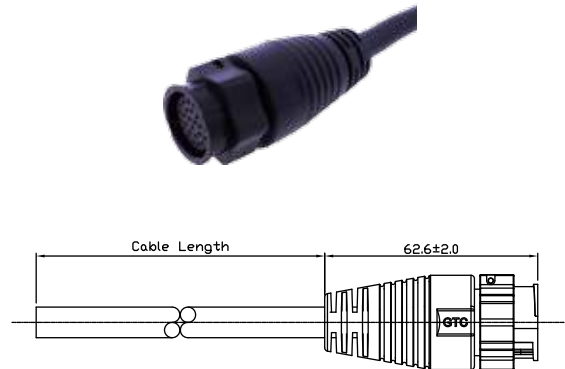
At Rear Of Cable	Contacts	Ordering No.
C4 10A 9P Cable End Male Lock Blunt Cut	9	GT154234-2309X-XX
C4 30A 3P Cable End Male Lock Blunt Cut	3	GT154234-2503X-XX

## C4 Plastic Cable End 90° Male Lock Type



At Rear Of Cable	Contacts	Ordering No.
C4 2A 22P Cable End 90° Male Lock Blunt Cut	22	GT154235-2122X-XX
C4 2A 26P Cable End 90° Male Lock Blunt Cut	26	GT154235-2126X-XX
C4 5A 18P Cable End 90° Male Lock Blunt Cut	18	GT154235-2218X-XX

## C4 Plastic Cable To Cable Female Lock Type



At Rear Of Cable	Contacts	Ordering No.
C4 2A 26P Cable To Cable Female Lock Blunt Cut	26	GT154244-2126X-XX
C4 5A 18P Cable To Cable Female Lock Blunt Cut	18	GT154244-0218X-XX
C4 30A 3P Cable To Cable Female Lock Blunt Cut	3	GT154244-2503X-XX

## C4 Plastic Cable To Cable Male Lock Type



At Rear Of Cable	Contacts	Ordering No.
C4 30A 3P Cable To Cable Male Lock Blunt Cut	3	GT154254-2503X-XX

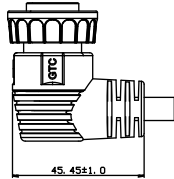
## C4 Plastic Cable End Male Screw Type



At Rear Of Cable	Contacts	Ordering No.
C4 5A 18P Cable End Male Screw Blunt Cut	18	GT154334-0218X-XX

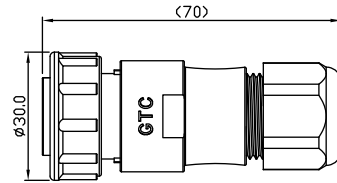
# Circular 4 Connector Series

## C4 Plastic Cable End 90° Male Screw Type



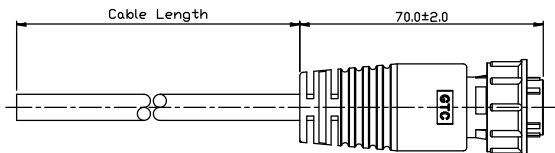
At Rear Of Cable	Contacts	Ordering No.
C4 5A 18P Cable End 90° Male Screw Blunt Cut	18	GT154335-0218X-XX

## C4 Plastic Cable End Field Installable Female Screw Type



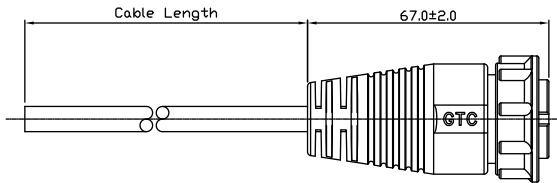
At Rear Of Cable	Contacts	Ordering No.
C4 5A 18P Cable End Field Installable Female Solder Screw	18	GT154364-0218A

## C4 Plastic Cable End Female Twist Lock Type



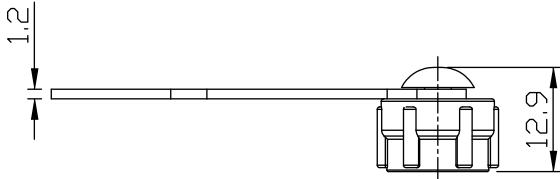
At Rear Of Cable	Contacts	Ordering No.
C4 10A 5P Cable End Female Twist Lock Blunt Cut	5	GT154124-2305X-XX
C4 10A 9P Cable End Female Twist Lock Blunt Cut	9	GT154124-2309X-XX

## C5 Plastic Cable End Female Lock Type



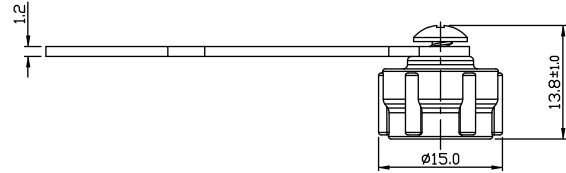
At Rear Of Cable	Contacts	Ordering No.
C5 10A 2P Cable End Female Lock Blunt Cut	2	GT155224-2302X-XX
C5 10A 3P Cable End Female Lock Blunt Cut	3	GT155224-2303X-XX
C5 10A 4P Cable End Female Lock Blunt Cut	4	GT155224-2304X-XX
C5 10A 5P Cable End Female Lock Blunt Cut	5	GT155224-2305X-XX

## C1 Cap Plastic Lock Type



Appearance	Contacts	Ordering No.
W/O Lanyard		GT1C512102
Ruber Lanyard Left D-Cut		GT1C512122
Plastic Lanyard Left D-Cut		GT1C512132
Metal Lanyard (M3 Screw)		GT1C512162
Cap Plastic For C1 Lock Cable End		GT1C512202

## C1 CAP Plastic Screw Type

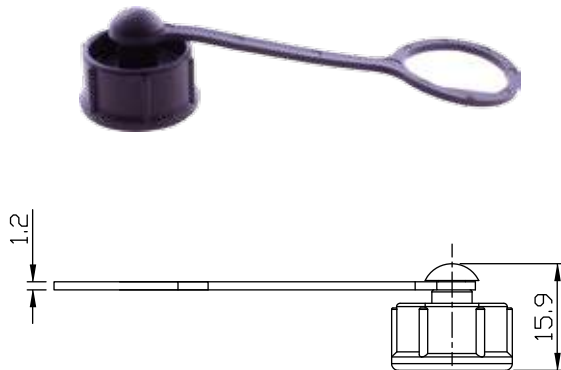


Appearance	Ordering No.
W/O Lanyard	GT1C513002
Ruber Lanyard Left D-Cut	GT1C513122
Plastic Lanyard Left D-Cut	GT1C513132
Metal Lanyard (M3 Screw)	GT1C513162

Cap No.	Mating Series No.

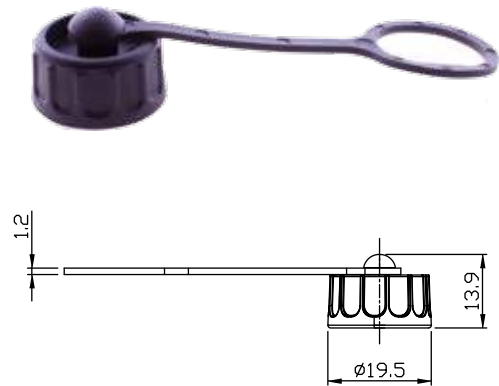
Cap No.	Mating Series No.
GT1C513XXX	GT15120X-XXXX
	GT15121X-XXXX
	GT1B01XX

**C2 Cap Plastic Lock Type**



Appearance	Contacts	Ordering No.
W/O Lanyard		GT1C522102
Ruber Lanyard Left D-Cut		GT1C522122
Plastic Lanyard Left D-Cut		GT1C522132
Metal Lanyard (M3 Screw)		GT1C522162
Cap Plastic For C2 Lock Cable End With Rubber Lanyard		GT1C522222

**C2 Cap Plastic Screw Type**

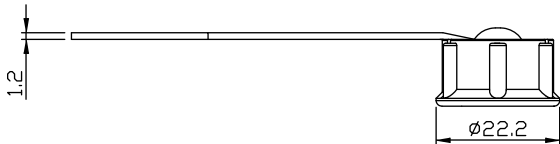


Appearance	Ordering No.
W/O Lanyard	GT1C523102
Metal Lanyard	GT1C523112
Ruber Lanyard Left D-Cut	GT1C523122
Plastic Lanyard Left D-Cut	GT1C523132
Metal Lanyard (M3 Screw)	GT1C523162

Cap No.	Mating Series No.
GT1C522XXXX	GT15220X-XXXX
	GT15221X-XXXX
	GT1D22XX-XXXXX

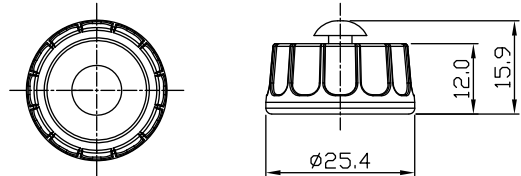
Cap No.	Mating Series No.
GT1C5231XX	GT11430X-XXXX
	GT11431X-XXXX
	GT15230X-XXXX
	GT15231X-XXXX

## C3 Cap PlasticLock Type



Appearance	Contacts	Ordering No.
W/O Lanyard		GT1C532102
Metal Lanyard		GT1C532112
Ruber Lanyard Left D-Cut		GT1C532122
Plastic Lanyard Left D-Cut		GT1C532132
Ruber Lanyard Right D-Cut		
Plastic Lanyard Right D-Cut		
Metal Lanyard (M3 Screw)		GT1C532162

## C3 Cap Plastic Screw Type

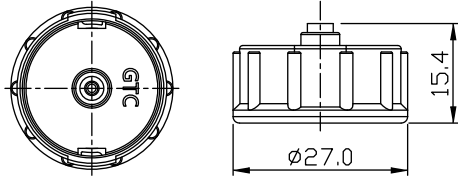


Appearance	Ordering No.
W/O Lanyard	GT1C533102
Metal Lanyard	GT1C533112
Ruber Lanyard Left D-Cut	GT1C533122
Plastic Lanyard Left D-Cut	GT1C533132
Ruber Lanyard Right D-Cut	
Plastic Lanyard Right D-Cut	GT1C533152
Metal Lanyard (M3 Screw)	GT1C533162

Cap No.	Mating Series No.
GT1C5321XX	GT15320X-XXXX
	GT15321X-XXXX
	GT1D32XX-XXXXX

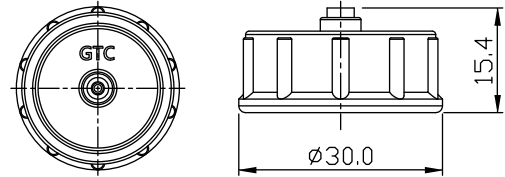
Cap No.	Mating Series No.
GT1C5331XX	GT11630X-XXXX
	GT11631X-XXXX
	GT12530X-XXXX
	GT12531X-XXXX
	GT5330X-XXXX
	GT15331X-XXXX
	GT216300-XXXX
	GT218300-XXXX
	GT22550X-XXXX
	GT22551X-XXXX

C4 Cap Plastic Lock Type



Appearance	Contacts	Ordering No.
W/O Lanyard		GT1C542102
Metal Lanyard		
Ruber Lanyard Left D-Cut		GT1C542122
Plastic Lanyard Left D-Cut		GT1C542132
Ruber Lanyard Right D-Cut		
Plastic Lanyard Right D-Cut		
Metal Lanyard (M3 Screw)		
Cap Plastic For C4 Twist Lock Panel With Plastic Lanyard		GT1C541122

C4 Cap Plastic Screw Type



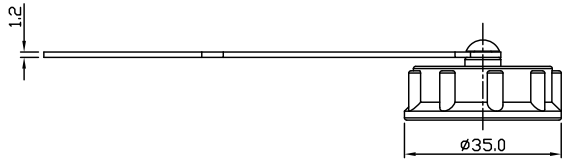
Appearance	Ordering No.
W/O Lanyard	GT1C543102
Metal Lanyard	
Ruber Lanyard Left D-Cut	GT1C543122
Plastic Lanyard Left D-Cut	GT1C543132
Metal Lanyard (M3 Screw)	
Plastic Lanyard Right D-Cut	
Metal Lanyard (M3 Screw)	

Cap No.	Mating Series No.
GT1C542XXX	GT15420X-XXXX
	GT15421X-XXXX
	GT1D42XX-XXXXX
	GT1H1200-XXXX

Cap No.	Mating Series No.
GT1C5431XX	GT15420X-XXXX
	GT15431X-XXXX
	GT21130X-XXXX



## C5 Cap Plastic Lock Type



Appearance	Contacts	Ordering No.
W/O Lanyard		
Metal Lanyard		
Ruber Lanyard Left D-Cut		
Plastic Lanyard Left D-Cut		GT1C552132
Ruber Lanyard Right D-Cut		
Plastic Lanyard Right D-Cut		



# Push Lock Series



**Push Lock S2 (2A, 4A) Series**  
**Push Lock S3 (10A) Series**



## Push Lock S2 Panel

1. S2 Panel Rear Mount Male//Female Solder Part No. GT26120 Series 126
2. S2 Panel Square Rear Mount Male//Female Solder Part No. GT2612A Series 126

## Push Lock S3 Panel

1. S3 Panel Rear Mount Male//Female Solder Part No. GT26130 Series 127

## Push Lock S2 Cable End

1. S2 Field Installable Cable End Male//Female Solder Part No.GT26121 Series. 127

## Push Lock S3 Cable End

1. S3 Field Installable Cable End Male//Female Crimp Part No.GT26131 Series. 128

## Cap

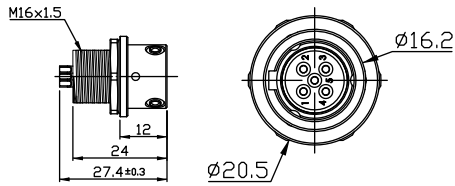
1. S2 Cap  
S2 Metal Cap Push Lock Part No. GT2C612 Series 129
2. S3 Cap  
S3 Metal Cap Push Lock Part No. GT2C613 Series 129

Material		
	S2	S3
Panel Housing // Base	Thermoplastic	
Panel Metal Body // Metal Hex Nut	Copper Alloy	
Panel Metal Ball	SUS	
Panel Contacts	Copper Alloy, Au Plating	
Panel O-Ring // Gasket	Silicone	
Glue	Epoxy	

Technical Data		
Insulation Resistance	DC500V±10%, test for 1 minute and the insulation resistance should be more than 100MΩ	
Dielectric Withstanding Voltage	5 Ways: 1000 VAC between contacts , 1000 VAC between contacts and metal-housing, for 1±5s min.	1500 V AC contact-to-contact, for 1min.
Contact Resistance	10mΩ at 10mA Max	
Durability	2000 cycles insertion/extraction cycles at a maximum rate of 200cycles per hour.	
Thermal Shock	5 cycles at -40°C / +105°C , after the test, the function and appearance can't be impacted.	
Waterproof Test	Submersion in water 1 meter for 24hours.	
Temperature Range	-40°C / +85°C	
Wire Gauge	22 AWG ~ 28 AWG	16AWG ~ 22 AWG

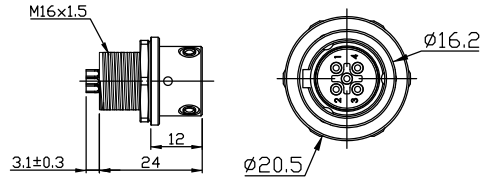
# Push Lock S2 Panel

## S2 Panel Rear Mount Female Solder



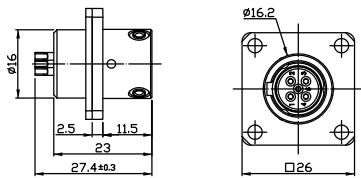
At Rear Of Panel	Cable Length	Ordering No.
Push Lock S2 4A 5P Panel Rear Mount Female Solder		GT261200-03050
Push Lock S2 2A 8P Panel Rear Mount Female Solder		GT261200-02080

## S2 Panel Rear Mount Male Solder



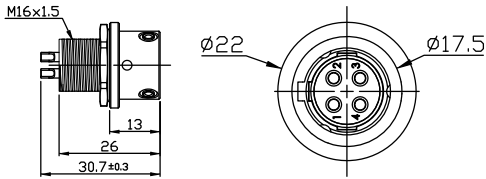
At Rear Of Panel	Cable Length	Ordering No.
Push Lock S2 4A 5P Panel Rear Mount Male Solder		GT261201-03050
Push Lock S2 2A 8P Panel Rear Mount Male Solder		GT261201-02080

## S2 Panel Square Solder



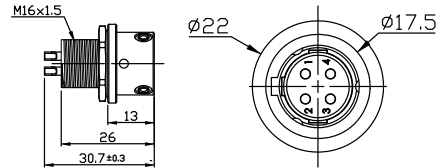
At Rear Of Panel	Cable Length	Ordering No.
Push Lock S2 4A 5P Panel Square Female Solder		GT2612A0-03050
Push Lock S2 2A 8P Panel Square Female Solder		GT2612A0-02080
Push Lock S2 4A 5P Panel Square Male Crimp		GT2612A1-03050
Push Lock S2 2A 8P Panel Square Male Crimp		GT2612A1-02080

## S3 Panel Rear Mount Female Solder



At Rear Of Panel	Cable Length	Ordering No.
Push Lock S3 10A 3P Panel Rear Mount Female Solder		GT261300-04030
Push Lock S3 10A 4P Panel Rear Mount Female Solder		GT261300-04040

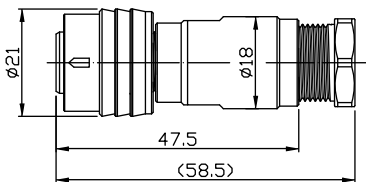
## S3 Panel Rear Mount Male Solder



At Rear Of Panel	Cable Length	Ordering No.
Push Lock S3 10A 3P Panel Rear Mount Male Solder		GT261301-04030
Push Lock S3 10A 4P Panel Rear Mount Male Solder		GT261301-04040

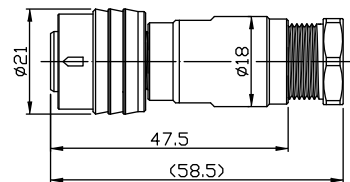
# Push Lock S2 Cable End

## S2 Field Installable Cable End Female Crimp



At Rear Of Cable	Cable Length	Ordering No.
Push Lock S2 4A 5P Field Installable Cable End Female Crimp	*	GT261210-13050
Push Lock S2 2A 8P Field Installable Cable End Female Crimp	*	GT261210-12080

## S2 Field Installable Cable End Male Crimp

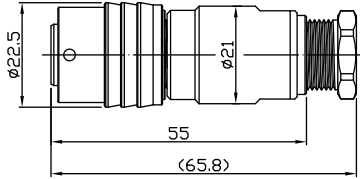


At Rear Of Cable	Cable Length	Ordering No.
Push Lock S2 4A 5P Field Installable Cable End Male Crimp	*	GT261211-13050
Push Lock S2 2A 8P Field Installable Cable End Male Crimp	*	GT261211-12080



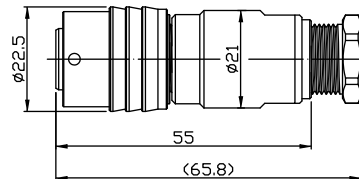
# Push Lock S3 Cable End

## S3 Field Installable Cable End Female Crimp



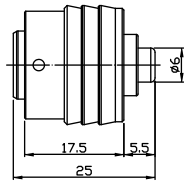
At Rear Of Cable	Cable Length	Ordering No.
Push Lock S3 10A 3P Field Installable Cable End Female Crimp	*	GT261310-14030
Push Lock S3 10A 4P Field Installable Cable End Female Crimp	*	GT261310-14040

## S3 Field Installable Cable End Male Crimp



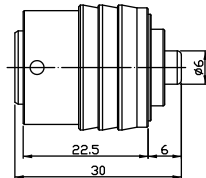
At Rear Of Cable	Cable Length	Ordering No.
Push Lock S3 10A 3P Field Installable Cable End male Crimp	*	GT261311-14030
Push Lock S3 10A 4P Field Installable Cable End male Crimp	*	GT261311-14040

**S2 Metal Cap For Push Lock Panel With Metal Lanyard (M3 Screw)**



Appearance	Ordering No.
S2 Metal Cap for Push Lock Panel	GT2C612002
S2 Metal Cap For Push Lock Panel With Metal Lanyard (M3 Screw)	GT2C612062

**S3 Metal Cap For Push Lock Panel With Metal Lanyard (M3 Screw)**



Appearance	Ordering No.
S3 Metal Cap For Push Lock Panel	GT2C613002
S3 Metal Cap For Push Lock Panel With Metal Lanyard (M3 Screw)	GT2C613062

# NMEA Series



**Mini (8A, 10A, 13A) Series**  
**Micro (4A) Series**



## Micro-Panel Side

1. Micro Plastic A-Coding Panel Male Part No.GT1711 Series. 136
2. Micro Plastic D-Coding Panel Male Part No.GT1714 Series. 136
3. Micro Metal Panel Female Solder Part No.GT27110 Series. 136
4. Micro Metal Panel Female Solder Part No.GT27110 Series. 136

## Micro-Cable End Side

1. Micro Plastic A-Coding Cable End Female Part No.GT17112 Series. 137
2. Micro Plastic A-Coding Cable End Male Part No.GT17113 Series. 137
3. Micro Plastic D-Coding Cable End Female Part No.GT17142 Series. 138
4. Micro Plastic D-Coding Cable End Male Part No.GT17143 Series. 138
5. Micro Metal Cable end Male Part No.GT27113 Series. 138
6. Micro Metal Cable end Female Part No.GT27112 Series. 138
7. Micro Metal Field Installable Cable End Male Screw-In Part No.GT271154 139
8. Micro Metal Field Installable Cable End Female Screw-In Part No.GT271144 139

## Micro-Micro-T

1. Micro-T Metal Part No.GT2731F6 Series. 139
2. Micro Multi-T Metal Part No.GT2731N6 Series. 139

## Micro-Male Terminal Resistors

1. NMEA Metal Micro Male Terminal Resistors Part No.GT271164 Series. 140
2. NMEA Metal Micro Female Terminal Resistors Part No.GT271174 Series. 140

## Mini-Panel Side

1. Mini Metal Panel Rear Mount Male screw with wire Part No.GT272213 Series. 140
2. MMini Metal Panel Rear Mount Female screw with wire Part No.GT272203 Series. 140

## Mini-Cable End

1. Mini Metal Cable end Male No.GT272234 Series. 141
2. Female with Cable Part No.GT272224 Series. 141
3. Mini Metal Field Installable Cable end Male Screw In Part No.GT272254 Series. 141
4. Mini Metal Field Installable Cable end Female Screw In Part No.GT272244 Series. 141

## Mini-Cap

1. Cap Plastic for M12//Micro Part No.GT1C343 Series. 142
2. Cap Plastic for Mini Panel Part No.GT1C733 Series. 143

# Project

Material	
	Micro Series
	Plastic
Panel Base/Cover	PA66
Panel Housing	PA66
Panel Contacts	Copper Alloy, Au Plating
Panel O-Ring	Viton
Glue	Epoxy
Cable End Base/Cover/Gland Nut	PA66
Cable End Screw Nut	PA66
Cable End O-Ring/Gasket/Gland	Silicone
Cable End Contacts	Copper Alloy, Au Plating

Material	
	Micro Series
	Metal
Panel Base/Cover	Thermoplastic
Panel Housing	Copper Alloy, Ni Plating
Panel Contacts	Copper Alloy, Au Plating
Panel O-Ring	Viton
Glue	Epoxy
Cable End Base/Cover/Gland Nut	Thermoplastic
Cable End Screw Nut	Copper Alloy, Au Plating
Cable End O-Ring/Gasket/Gland	Silicone
Cable End Contacts	Copper Alloy, Au Plating

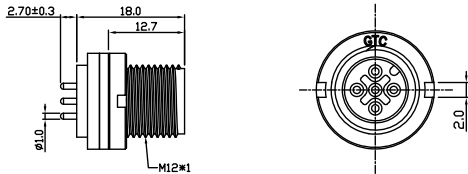
Technical Data	
	Micro Series
Insulation Resistance	Test Voltage 500V±15 VDC Method A, Be more than 100MΩ
Contact Resistance	10mΩ at 10mA Max.
Waterproof Test	Under 1 M water for 24 hours.
Temperature Range	-40°C / +85°C
Number Of Contacts	5
Wire Guage	18~24AWG
Current Rating	4A

<b>Material</b>	
	<b>Mini Series</b>
Panel Base	PVC
Panel Metal Housing	Zinc Alloy
Panel Contacts	Copper Alloy, Gold Plated
Panel Gasket	PVC
Gasket	Viton
Cable End Housing	PVC
Cable End Screw Nut	Zinc Alloy
Cable End Gasket	Silicone
Cable End Contacts	Copper Alloy, Ni Plating
Cable End Inner Mold	PVC
Cable End Over Mold	PVC

<b>Technical Data</b>			
	<b>Mini Series</b>		
Insulation Resistance	DC1000V±10% , test for 1 minute and the insulation resistance should be more than100MΩ		
Contact Resistance	50mΩ Max.		
Thermal Shock	5 cycles at -40°C / +105°C , after the test, the function and appearance can't be impacted.		
Waterproof Test	Under 1 M water for 24 hours		
Temperature Range	-40°C / +85°C		
Number Of Contacts	5	4	3
Wire Guage	16AWG	16AWG	16AWG
Current Rating	8A	10A	13A

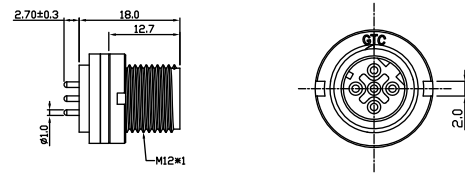


## Micro Panel Plastic Micro A-Coding Panel Male



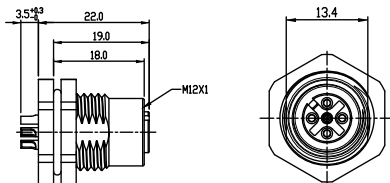
At Rear Of Panel	Cable Length	Ordering No.
Micro A-Coding 4A 5P Panel Male DIP Spanner Nut		GT171110-01050(S)

## Micro Panel Plastic Micro D-Coding Panel Male



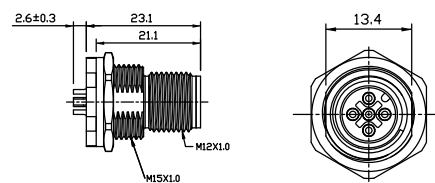
At Rear Of Panel	Cable Length	Ordering No.
Micro D-Coding 4A 5P Panel Male DIP Spanner Nut		GT171410-01050(S)

## Micro Panel Metal Micro Panel Female Solder



At Rear Of Panel	Cable Length	Ordering No.
Micro 4A 4P Panel Female Solder		GT271102-01040

## Micro Panel Metal Micro Panel Male Solder

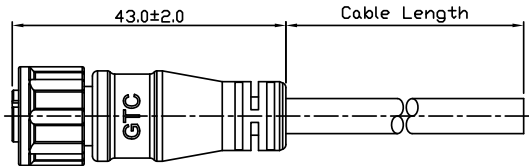


At Rear Of Panel	Cable Length	Ordering No.
Micro 4A 5P Panel Male Solder		GT271112-01050



## Micro Cable End Plastic

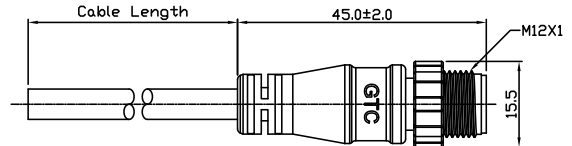
Micro Plastic D-Coding Cable end Female with cable



At Rear Of Panel	Cable Length	Ordering No.
Micro D-Coding 5P 4A Cable end Female with cable Blunt Cut	*	GT171424-21055-XX

## Micro Cable End Plastic

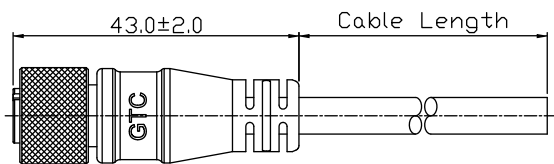
Micro Plastic D-Coding Cable end Male with cable



At Rear Of Panel	Cable Length	Ordering No.
Micro D-Coding 5P 4A Cable end Male with cable Blunt Cut	*	GT171434-21055-XX

## Micro Cable End Metal

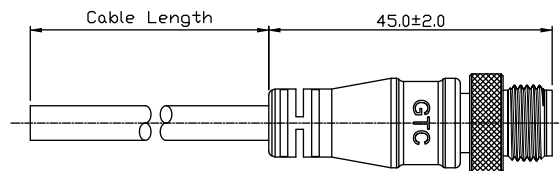
Micro Cable end Female with cable



At Rear Of Cable	Cable Length	Ordering No.
Micro 5P 4A Cable end Female with cable Blunt Cut	*	GT271124-21055-XX

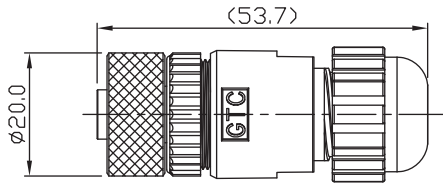
## Micro Cable End Metal

Micro Cable end Male with cable



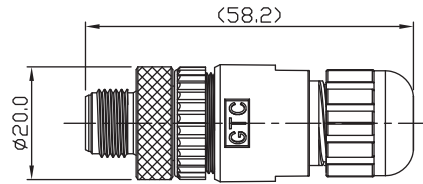
At Rear Of Cable	Cable Length	Ordering No.
Micro 5P 4A Cable end Male with cable Blunt Cut	*	GT271134-21055-XX

**Micro Cable End Metal  
Micro Field Installable Cable End Female Screw-In**



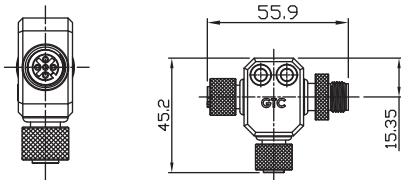
At Rear Of Cable	Cable Length	Ordering No.
Micro 4A 5P Field Installable Cable End Female Screw-In		GT271144-31050

**Micro Cable End Metal  
Micro Field Installable Cable End Male Screw-In**



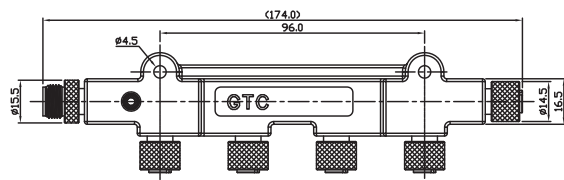
At Rear Of Cable	Cable Length	Ordering No.
Micro 4A 5P Field Installable Cable End Male Screw-In		GT271154-31050

**Micro Cable End Metal  
Micro-T**



Appearance	Cable Length	Ordering No.
Micro Tee MFF 5PIN Plastic		GT1731F6-21050
Micro Tee MFF 5PIN Metal		GT2731F6-21050

**Micro Cable End Metal  
Micro Multi-T**

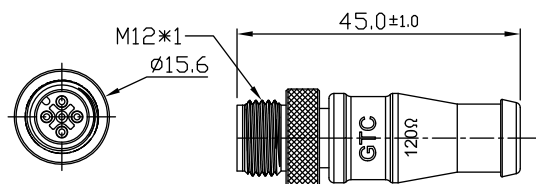


Appearance	Cable Length	Ordering No.
Micro 6 Port 30V 4A 5P With LED		GT2731N6-11050



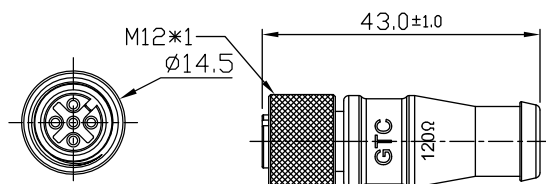
# Accessory

## NMEA Micro Male Termination Resistors



At Rear Of Cable	Cable Length	Ordering No.
NMEA Micro Male Terminal Resistors Plastic		GT171164-21050
NMEA Micro Male Terminal Resistors Metal		GT271164-21050

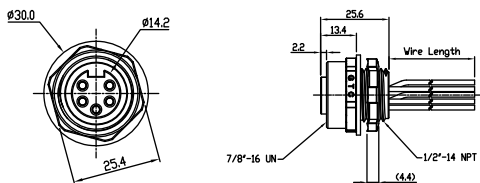
## NMEA Micro Female Termination Resistors



At Rear Of Cable	Cable Length	Ordering No.
NMEA Micro Female Terminal Resistors Plastic		GT171174-21050
NMEA Micro Female Terminal Resistors Metal		GT271174-21050

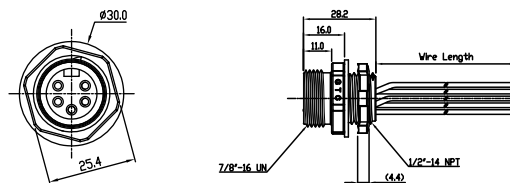
# Mini Series

## Mini Panel Rear Mount Female screw with wire



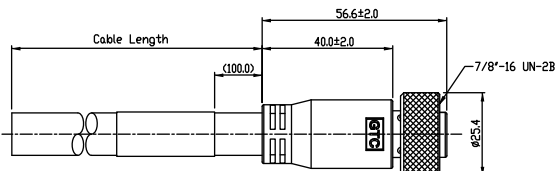
At Rear Of Panel	Cable Length	Ordering No.
Mini 8A 5P Panel Rear Mount Female with wire	*	GT272203-22058-XX
Mini 8A 6P Panel Rear Mount Female with wire	*	GT272203-22068-XX
Mini 10A 4P Panel Rear Mount Female with wire	*	GT272203-23048-XX
Mini 13A 3P Panel Rear Mount Female with wire	*	GT272203-24038-XX

## Mini Panel Rear Mount Male screw with wire

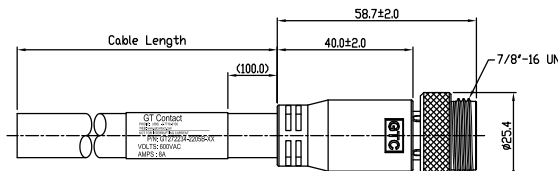


At Rear Of Panel	Cable Length	Ordering No.
Mini 8A 5P Panel Rear Mount male with wire	*	GT272213-22058-XX
Mini 8A 6P Panel Rear Mount male with wire	*	GT272213-22068-XX
Mini 10A 4P Panel Rear Mount male with wire	*	GT272213-23048-XX
Mini 13A 3P Panel Rear Mount male with wire	*	GT272213-24038-XX

Mini Cable end Female with Cable



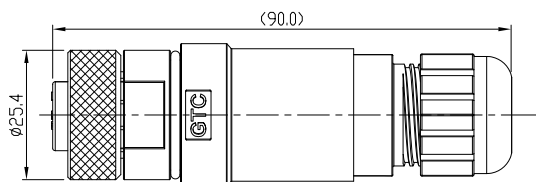
Mini Cable end Male with Cable



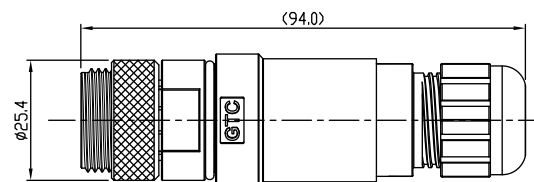
At Rear Of Cable	Cable Length	Ordering No.
Mini 8A 5P Cable end Female with Cable Blunt Cut	*	GT272224-2205B-XX
Mini 8A 6P Cable end Female with Cable Blunt Cut	*	GT272224-2206B-XX
Mini 10A 4P Cable end Female with Cable Blunt Cut	*	GT272224-2304B-XX
Mini 13A 3P Cable end Female with Cable Blunt Cut	*	GT272224-2403B-XX

At Rear Of Cable	Cable Length	Ordering No.
Mini 8A 5P Cable end Male with Cable Blunt Cut	*	GT272234-2205B-XX
Mini 8A 6P Cable end Male with Cable Blunt Cut	*	GT272234-2206B-XX
Mini 10A 4P Cable end Male with Cable Blunt Cut	*	GT272234-2304B-XX
Mini 13A 3P Cable end Male with Cable Blunt Cut	*	GT272234-2403B-XX

Mini Field Installable Cable end Female



Mini Field Installable Cable end Male

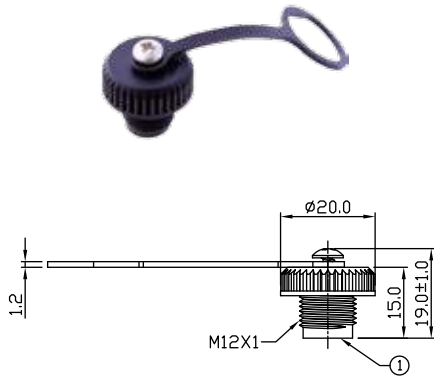


At Rear Of Cable	Cable Length	Ordering No.
Mini 8A 5P Field Installable Cable end Female Screw-in		GT272244-32050
Mini 10A 4P Field Installable Cable end Female Screw-in		GT272244-33040
Mini 13A 3P Field Installable Cable end Female Screw-in		GT272244-34030

At Rear Of Cable	Cable Length	Ordering No.
Mini 8A 5P Field Installable Cable end Male Screw-in	*	GT272254-32050
Mini 10A 4P Field Installable Cable end Male Screw-in	*	GT272254-33040
Mini 13A 3P Field Installable Cable end Male Screw-in	*	GT272254-34030

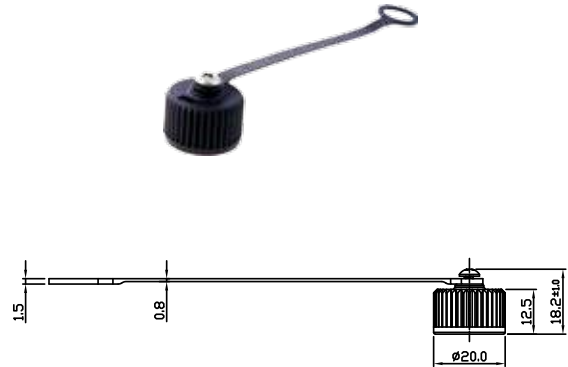
\* Cable & Wire Length Upon Request. Customization is available.

## Cap Plastic for Micro Female end



Appearance	Ordering No.
Cap Plastic for M12 Female end W/O Lanyard	GT1C343002
Cap Plastic for M12 Female end with Metal Lanyard	GT1C343012
Cap Plastic for M12 Female end with Rubber Lanyard	GT1C343022
Cap Plastic for M12 Female end with Plastic chain	GT1C343032
Cap Plastic For M12 Male End With Metal Lanyard (M3 Screw)	GT1C343162

## Cap Plastic for Micro Male end

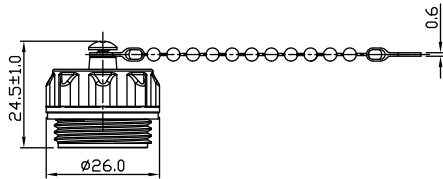


Appearance	Ordering No.
Cap Plastic for M12 Male end W/O Lanyard	GT1C343102
Cap Plastic for M12 Male end with Metal chain	GT1C343112
Cap Plastic for M12 Male end with Rubber Lanyard	GT1C343122
Cap Plastic for M12 Male end with Plastic Lanyard	GT1C343132

Cap No.	Mating Series No.
GT1C3430XX	GT23410X-XXXX
	GT23420X-XXXX
	GT23440X-XXXX
	GT27110X-XXXX
	GT27112X-XXXX

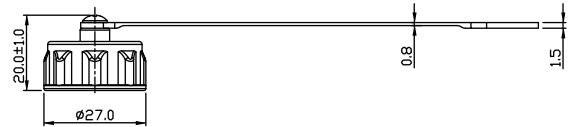
Cap No.	Mating Series No.
GT1C3431XX	GT23411X-XXXX
	GT23421X-XXXX
	GT23441X-XXXX
	GT2712X-XXXX
	GT27111X-XXXX
	GT27113X-XXXX

Cap, Plastic for Mini Female Panel



Appearance	Ordering No.
Cap, Plastic for Mini Female Panel W/O Lanyard	GT1C733002
Cap, Plastic for Mini Female Panel with Metal Lanyard	GT1C733012
Cap, Plastic for Mini Female Panel with Plastic Lanyard	GT1C733032

Cap, Plastic for Mini Male Panel



Appearance	Ordering No.
Cap, Plastic for Mini Male Panel W/O Lanyard	GT1C733102
Cap, Plastic for Mini Male Panel with Metal Lanyard	GT1C733112
Cap, Plastic for Mini Male Panel with Plastic Lanyard	GT1C733132



# Magnetic Connector Series



**Magnetic 5P Square Connector Series**  
**Magnetic 5P Circular Series**



## Magnetic Connector Panel

1. Magnet Connector 5P square Panel

Magnet Connector 2A 5P square Panel Female Dip Part No.:GT1920 Series 148

2. Magnet Connector 5A 2 Contacts Circular Panel

Magnet Connector 5A 2 Contacts Circular Panel Part No.:GT1930 Series 148

## Magnetic Connector Cable End

1. Magnet Connector 5P squarer Cable End

Magnet Connector 2A 5P square Cable End Male With USB-A Cable End Part No.: GT1921 Series 148

2. Magnet Connector 5A 2 Contacts Circular Cable End

Magnet Connector 5A 2 Contacts Circular Cable End Part No.:GT1931 Series 148

Material	
	Square Connector Series
Housing	Thermoplastic
Magnetic	Nd-Fe-B magnet
Metal Plate	SUS430
Contacts	Coper Alloy, Au Plating
Glue	Epoxy

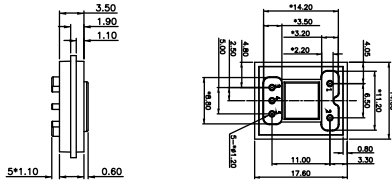
Technical Data	
Insulation Resistance	DC500V±10%, test for 1 minute and the insulation resistance should be more than 100MΩ
Dielectric Withstanding Voltage	5 Ways: 500 VAC between contacts , 500 VAC between contacts and metal-housing, for 1±5s min.
Contact Resistance	10mΩ at 10mA Max
Durability	2000 cycles insertion/extraction cycles at a maximum rate of 200cycles per hour.
Thermal Shock	5 cycles at -40°C / +105°C , after the test, the function and appearance can't be impacted.
Temperature Range	-40°C / +85°C

Material	
	5A Circular Series
Housing	PA66
Magnetic	Nd-Fe-B magnet
Metal Plate	
Contacts	Coper Alloy, Au Plating
Glue	Epoxy

Technical Data	
Insulation Resistance	DC500V±10%, test for 1 minute and the insulation resistance should be more than 100MΩ
Dielectric Withstanding Voltage	1000V AC contact-to-contact, for 1 min.
Contact Resistance	10mΩ at 10mA Max
Durability	5000 cycle, rate of 250 cycles per hour.
Thermal Shock	5 cycles at -40°C / +105°C , after the test, the function and appearance can't be impacted.
Temperature Range	-20°C / +50°C

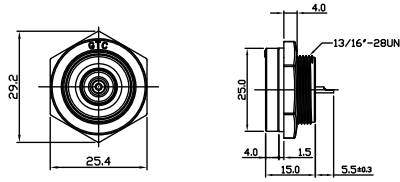
# Magnetic Connector Panel

## Magnetic Connector 5P Square Panel



At Rear Of Panel	Cable Length	Ordering No.
Magnetic Connector 2A 5P square Panel Female Dip	*	GT192000-11050 (Example)

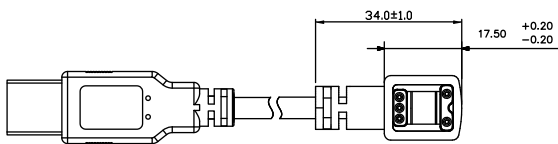
## Magnet Connector 5A 2 Contacts Circular Panel



At Rear Of Panel	Cable Length	Ordering No.
Magnet Connector 5A 2 Contacts Panel Solder	*	GT193000-02020
Magnet Connector 5A 2 Contacts Panel Solder With Cable Blunt Cut	*	GT193000-02021-XX

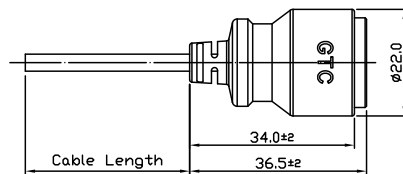
# Magnetic Connector Cable End

## Magnetic Connector 5P Square Cable End



At Rear Of Cable	Cable Length	Ordering No.
Magnetic Connector 2A 5P square Cable End Male With USB-A Plug	*	GT192000-11050 (Example)

## Magnet Connector 5A 2 Contacts Circular Cable End



At Rear Of Cable	Cable Length	Ordering No.
Magnet Connector 5A 2 Contacts Cable End Blunt Cut	*	GT193110-02021-XX
Magnet Connector 5A 2 Contacts 90° Cable End Blunt Cut	*	GT193119-02021-XX



# DC Series



DC (5A) Series





# Project

## Panel Side

1.  
C1 DC 2.5mm Plastic Panel Screw Part No.GT1B01 Series. 154

## Plug Side

1.  
C1 DC 2.5mm Plastic Cable End Screw Part No.GT1B03 Series. 154
2.  
C1 DC 2.5 mm Plastic Field Installable Cable End Screw Part No.GT1B02 Series. 154
3.  
C1 DC 2.5mm Plastic Cable-To-Cable Screw Part no.GT1B04 Series. 154

## Cap

1.  
C1 Plastic DC 2.5mm Panel Cap Screw Part No.GT1C513 Series. 155

## Material

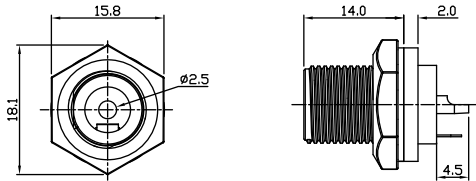
DC Jack Housing // Hex Nut	Thermoplastic
DC Jack Contacts	Copper Alloy , Ni Plating
DC Jack Gasket // DC Plug O-Ring	Silicone
Glue	Epoxy
DC Plug Housing // Screw Nut // Cover // Gland Nut	Thermoplastic
DC Plug Gasket // Gland	Rubber
DC Plug	Insulation: PBT // Contacts: Copper Alloy, Ni Plating

## Technical Data

Insulation Resistance	DC500V±10% , test for 1 minute and the insulation resistance should be more than100MΩ
Dielectric Withstanding Voltage	500 V AC contact-to-contact, for 1min.
Contact Resistance	50mΩ at 10mA Max.
Durability	2000 cycles insertion/extraction cycles at a maximum rate of 200 cycles per hour.
Thermal Shock	5 cycles at -40°C / +105°C , after the test, the function and appearance can't be impacted.
Waterproof Test	Under 1 M water for 30 min.
Temperature Range	-40°C / +85°C
Wire Gauge	17 AWG ~20 AWG
Max Current Rating	7.0A

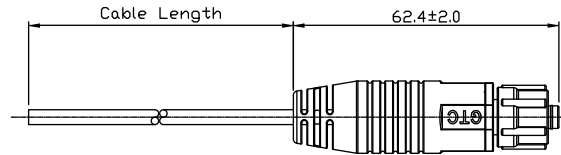
# DC Jack 2.5mm Connector

## DC Jack 2.5mm Panel



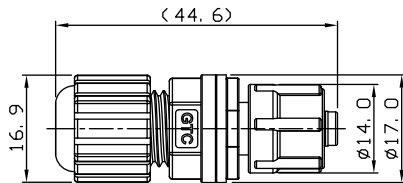
At Rear Of Panel	Cable Length	Ordering No.
DC Jack 2.5mm Panel Mount Solder Screw (Spanner Nut)		GT1B0102(S)
DC Jack 2.5mm Panel Mount Solder Screw		GT1B0102

## DC Cable End Connector With Cable



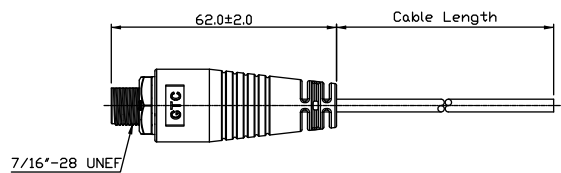
At Rear Of Panel	Cable Length	Ordering No.
DC Plug Cable End With Cable Blunt Cut	*	GT1B0300-XX

## DC Jack Field Installable 2.5mm Plug



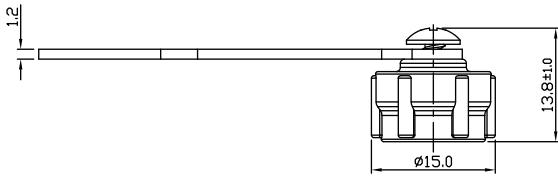
At Rear Of Cable	Cable Length	Ordering No.
DC Jack Field Installable 2.5mm Plug Solder Screw		GT1B0202

## DC Jack Cable-To-Cable With Cable



At Rear Of Cable	Cable Length	Ordering No.
DC Jack C to C With Cable Blunt Cut	*	GT1B0400-XX
DC Jack C to C With Cable Blunt Cut	*	GT1B0400-XX(S)

Cap Plastic For C1 Screw Panel With Lanyard

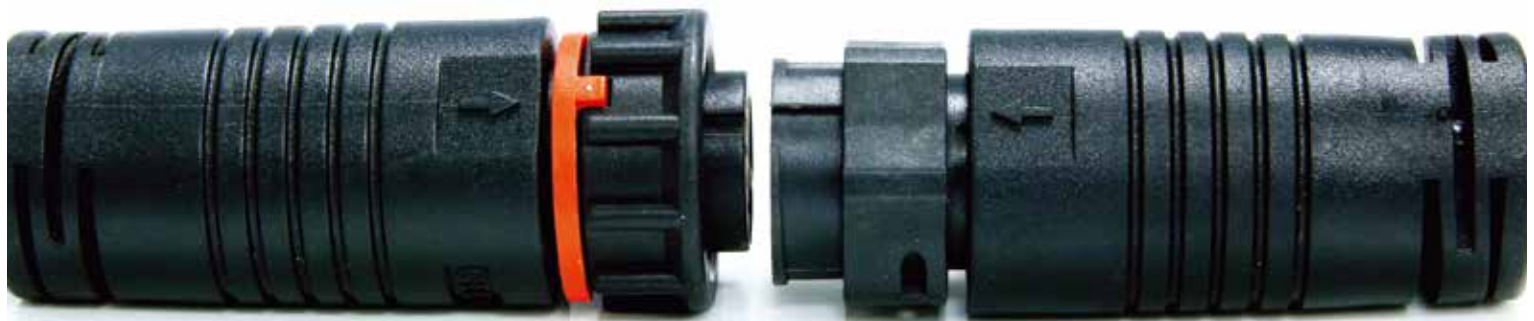


Appearance	Ordering No.
Cap Plastic For C1 Screw Panel With Rubber Lanyard	GT1C513122
Cap Plastic For C1 Screw Panel With Plastic Lanyard	GT1C513132
Cap Plastic For C1 Screw Panel With Metal Lanyard (M3 Screw)	GT1C513162

Cap No.	Mating Series No.
GT1C513XXX	GT15120X-XXXX
	GT15121X-XXXX
	GT1B01XX

DC

# Hybrid Series



**C2 (5A+2A, 10A+5A) Series**  
**C3(5A+20A, 10A+2A, 15A+2A, 25A+1A) Series**  
**C4(20A+5A) Series**  
**C5(20A+5A) Series**



## Panel Side

### 1. C2 Panel Side

C2 10A+1A 2P+10P Plastic Panel Lock Part No. GT1D22B Series. 162

### 2. C3 Panel Side

C3 10A+2A 3P+2P Plastic Panel Lock Part No. GT1D3202 Series. 162

### 3. C4 Panel Side

C4 25A+5A 2P+10P Plastic Panel Female Lock ( Code A ) Part No.GT1D4202 Series. 163

C4 25A+5A 2P+10P Plastic Panel Male Lock ( Code A ) Part No.GT1D4203 Series. 163

C4 25A+5A 2P+10P Plastic Panel Female Lock ( Code B ) Part No.GT1D4292 Series. 163

C4 25A+5A 2P+10P Plastic Panel Male Lock ( Code B ) Part No.GT1D4293 Series. 163

### 4. C5 Panel Side

C5 20A+5A 3P+9P Plastic Panel Lock Part No.:GT1D510 Series. 164

## Cable end

### 1. C2 Cable End

C2 10A+1A 2P+10P Plastic Cable End Lock Part No.: GT1D222//GT1D22A Series. 164

### 2. C3 Cable End

C3 10A+2A 3P+2P Plastic Cable End Lock Part No. GT1D3223 Series. 165

C3 10A+2A 3P+2P Plastic Cable-To-Cable End Lock Part No. GT1D3232 Series. 165

### 3. C4 Cable End

C4 25A+5A 2P+10P Plastic Cable End Female Lock ( Code A ) Part No.GT1D4222 Series. 166

C4 25A+5A 2P+10P Plastic Cable End Male Lock ( Code A ) Part No.GT1D4223 Series. 166

C4 25A+5A 2P+10P Plastic Cable End Female Lock ( Code B ) Part No.GT1D42A2 Series. 166

C4 25A+5A 2P+10P Plastic Cable End Male Lock ( Code B ) Part No.GT1D42A3 Series. 166

### 4. C5 Cable End

C5 20A+5A 3P+9P Plastic Cable End Lock Part No.GT1D512 Series. 167

## Cable to Cable

### 1. C3 Cable-To-Cable

**C3 10A+2A 3P+2P Plastic Cable-To-Cable Lock Part No.GT1D3232 Series. 165**

### 2. C5 Cable-To-Cable

**C5 20A+5A 3P+9P Plastic Cable-To-Cable Lock Part No.GT1D513 Series. 167**

## Cap

### 1. C2 Cap

**C2 Plastic Panel Cap Lock Part No.GT1C522 Series. 168**

### 2. C3 Cap

**C3 Plastic Panel Cap Lock Part No.GT1C532 Series. 168**

### 3. C4 Cap

**C4 Plastic Panel Cap Lock Part No.GT1C542 Series. 169**

## Material

	C2
Panel Housing (Male // Female )	Thermoplastic
Contacts (Male // Female)	Copper Alloy, Au Plating
Panel Hex Nut	Thermoplastic
Panel Gasket / O-Ring	Silicone
Glue	Epoxy
Cable End Housing / Lock Nut	Thermoplastic
Inner Mold	Thermoplastic
Over Mold	PVC

## Technical Data

Insulation Resistance	DC500V±10% , test for 1 minute and the insulation resistance should be more than100MΩ	
Dielectric Withstanding Voltage	2A & 3A 500V AC contact-to-contact, for 1min. 5A 1500V AC contact-to-contact, for 1min. Power pin 2500V AC contact-to-contact, for 1 min.	
Contact Resistance	10mΩ at 10mA Max.	
Durability	Screw type 500 cycles ,rate of 200 cycles per hour.	
Thermal Shock	5 cycles at -40°C / +105°C, after the test, the function and appearance can't be impacted.	
Waterproof Test	Submersion in water 1 meter for 30 minutes.	
Temperature Range	-40°C / +85°C	
Number Of Contacts	2	10
Wire Guage	16~20AWG	16~20AWG
Current Rating	10A	1A



# Project

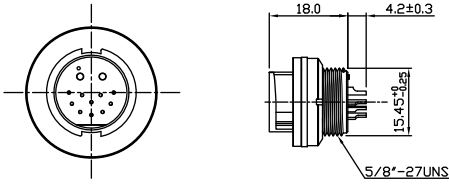
Material		
	C3	
Panel Housing (Male // Female )	Thermoplastic	
Contacts (Male // Female)	Copper Alloy, Au Plating	
Panel Hex Nut	Thermoplastic	
Panel Gasket / O-Ring	Silicone	
Glue	Epoxy	
Cable End Housing / Lock Nut	Thermoplastic	
Inner Mold	Thermoplastic	
Over Mold	PVC	
Technical Data		
Insulation Resistance	DC500V±10%, test for 1 minute and the insulation resistance should be more than100MΩ	
Dielectric Withstanding Voltage	2A & 3A 500V AC contact-to-contact, for 1min. 5A 1500V AC contact-to-contact, for 1min. Power pin 2500V AC contact-to-contact, for 1 min.	
Contact Resistance	10mΩ at 10mA Max.	
Durability	Screw type 500 cycles ,rate of 200 cycles per hour.	
Thermal Shock	5 cycles at -40°C / +105°C, after the test, the function and appearance can't be impacted.	
Waterproof Test	Submersion in water 1 meter for 30 minutes.	
Temperature Range	-40°C / +85°C	
Number Of Contacts	3	2
Wire Guage	16~20AWG	22~26AWG
Current Rating	10A	2A

Material		
	C4	
Panel Housing (Male // Female )	Thermoplastic	
Contacts (Male // Female)	Copper Alloy, Au Plating	
Panel Hex Nut	Thermoplastic	
Panel Gasket / O-Ring	Silicone	
Glue	Epoxy	
Cable End Housing / Lock Nut	Thermoplastic	
Inner Mold	Thermoplastic	
Over Mold	PVC	
Technical Data		
Insulation Resistance	DC500V±10%, test for 1 minute and the insulation resistance should be more than100MΩ	
Dielectric Withstanding Voltage	2A & 3A 500V AC contact-to-contact, for 1min. 5A 1500V AC contact-to-contact, for 1min. Power pin 2500V AC contact-to-contact, for 1 min.	
Contact Resistance	10mΩ at 10mA Max.	
Durability	Lock type 200 cycles ,rate of 200 cycles per hour.	
Thermal Shock	5 cycles at -40°C / +105°C, after the test, the function and appearance can't be impacted.	
Waterproof Test	Submersion in water 1 meter for 30 minutes.	
Temperature Range	-40°C / +85°C	
Number Of Contacts	2 + 6	2 + 10
Wire Guage	16~20AWG + 20~24AWG	16~20AWG + 20~24AWG
Current Rating	20A + 3A	25A + 5A

<b>Material</b>	
	<b>C5</b>
<b>Panel Housing (Male // Female )</b>	Thermoplastic
<b>Contacts (Male // Female)</b>	Copper Alloy, Au Plating
<b>Panel Hex Nut</b>	Thermoplastic
<b>Panel Gasket / O-Ring</b>	Silicone
<b>Glue</b>	Epoxy
<b>Cable End Housing / Lock Nut</b>	Thermoplastic
<b>Inner Mold</b>	Thermoplastic
<b>Over Mold</b>	PVC
<b>Technical Data</b>	
<b>Insulation Resistance</b>	DC500V±10%, test for 1 minute and the insulation resistance should be more than100MΩ
<b>Dielectric Withstanding Voltage</b>	2A & 3A 500V AC contact-to-contact, for 1min. 5A 1500V AC contact-to-contact, for 1min.
<b>Durability</b>	Power pin 2500V AC contact-to-contact, for 1 min.
<b>Contact Resistance</b>	10mΩ at 10mA Max.
	Lock type 200 cycles ,rate of 200 cycles per hour.
<b>Thermal Shock</b>	5 cycles at -40°C / +105°C, after the test, the function and appearance can't be impacted.
<b>Waterproof Test</b>	Submersion in water 1 meter for 30 minutes.
<b>Temperature Range</b>	-40°C / +85°C
<b>Number Of Contacts</b>	3   9
<b>Wire Guage</b>	12AWG , 24AWG
<b>Current Rating</b>	25A + 5A

## Hybrid C2 Connector Series

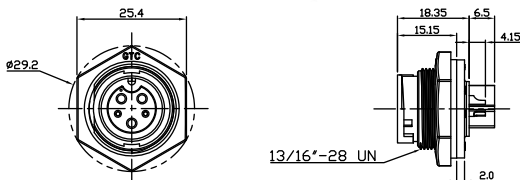
Hybrid C2 10A+1A 2P+10P Panel Rear Mount Male Solder Lock (Code B)



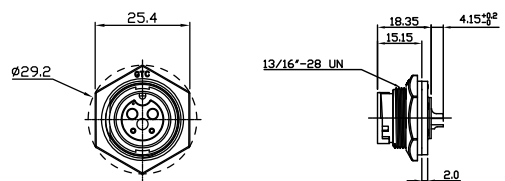
At Rear of Panel	Contacts	Ordering No.
C2 10A+1A 2P+10P Panel		GT1D22B3-0A2A0(S)

## Hybrid C3 Connector Series

Hybrid C3 10A+2A 3P+2P Panel Female Solder Lock    Hybrid C3 15A+2A 2P+2P Panel Female Solder Lock



At Rear of Panel	Contacts	Ordering No.
C3 10A+2A 3P+2P Panel		GT1D3202-0A320



At Rear of Panel	Contacts	Ordering No.
C3 15A+2A 2P+2P Panel		GT1D3202-08220

**Hybrid C4 25A+5A 2P+10P Panel Female Solder Lock (Code A)**



At Rear of Panel	Contacts	Ordering No.
C4 25A+5A 2P+10P Panel		GT1D4202-052A0(FS)

**Hybrid C4 25A+5A 2P+10P Panel Male Solder Lock (Code A)**



At Rear of Panel	Contacts	Ordering No.
C4 25A+5A 2P+10P Panel		GT1D4203-052A0(FS)

**Hybrid C4 25A+5A 2P+10P Panel Female Solder Lock (Code B)**



At Rear of Panel	Contacts	Ordering No.
C4 25A+5A 2P+10P Panel		GT1D4292-052A0(FS)

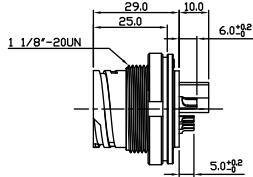
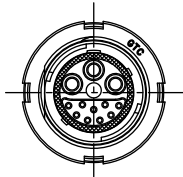
**Hybrid C4 25A+5A 2P+10P Panel Male Solder Lock (Code B)**



At Rear of Panel	Contacts	Ordering No.
C4 25A+5A 2P+10P Panel		GT1D4293-052A0(FS)

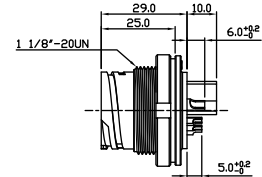
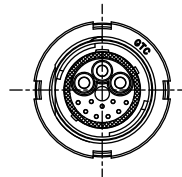
## Hybrid C5 Connector Series

Hybrid C5 20A+5A 3P+9P Panel Female Solder Twist Lock



At Rear of Panel	Contacts	Ordering No.
C5 20A+5A 3P+9P Panel	*	GT1D5102-05390(FS)

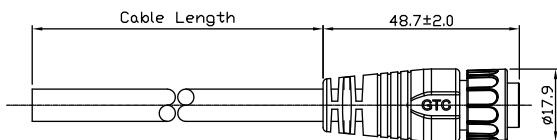
Hybrid C5 20A+5A 3P+9P Panel Male Solder Twist Lock



At Rear of Panel	Contacts	Ordering No.
C5 20A+5A 3P+9P Panel	*	GT1D5103-05390(FS)

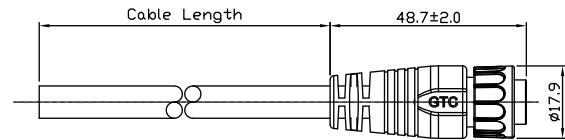
## Hybrid C2 Connector Series

Hybrid C2 10A+1A 2P+10P Cable End Female Lock (Code A)



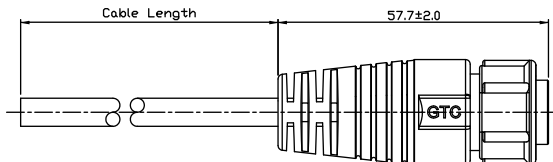
At Rear of Cable	Contacts	Ordering No.
C2 10A+1A 2P+10P Cable End Blunt Cut	*	GT1D2222-2A2A1-XX

C2 10A+1A 2P+10P Cable End Female Lock (Code B)



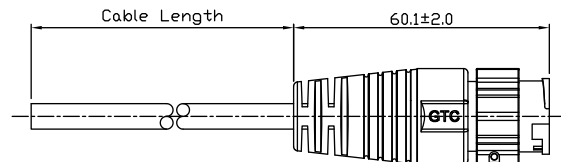
At Rear of Cable	Contacts	Ordering No.
C2 10A+1A 2P+10P Cable End Blunt Cut	*	GT1D2222-2A2A1-XX

## Hybrid C3 10A+2A 3P+2P Cable End Male Lock



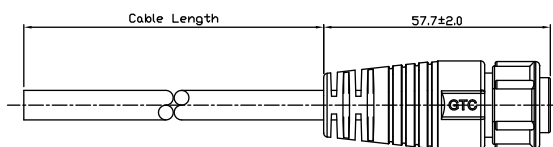
At Rear Of Cable	Contacts	Ordering No.
C3 10A+2A 3P+2P Cable End With PU Cable Blunt Cut	*	GT1D3223-0A327-XX

## Hybrid C3 10A+2A 3P+2P Cable To Cable Female Lock



At Rear Of Cable	Contacts	Ordering No.
C3 10A+2A 3P+2P Cable To Cable With PU Cable Blunt Cut	*	GT1D3232-0A327-XX

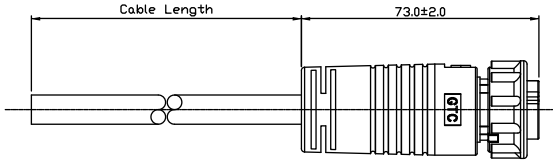
## Hybrid C3 15A+2A 2P+2P Cable End Male Lock



At Rear Of Cable	Contacts	Ordering No.
C3 15A+2A 2P+2P Cable End with cable Blunt Cut	*	GT1D3223-28221-XX

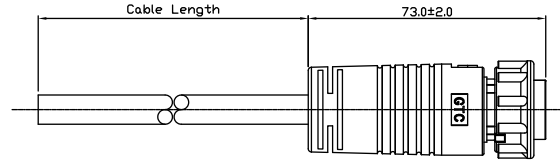
# Hybrid C4 Series

**Hybrid C4 25A+5A 2P+10P Cable End Female Lock (Code A)**



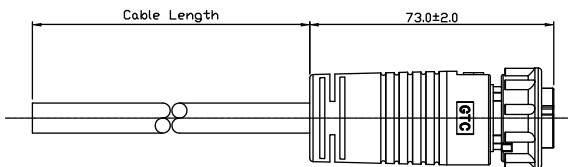
At Rear Of Cable	Contacts	Ordering No.
C4 25A+5A 2P+10P Cable End Blunt Cut		GT1D4222-052A8-XX (F)

**Hybrid C4 25A+5A 2P+10P Cable End Male Lock (Code B)**



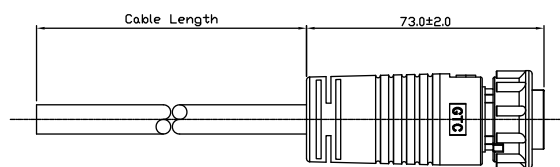
At Rear Of Cable	Contacts	Ordering No.
C4 25A+5A 2P+10P Cable End Blunt Cut		GT1D4223-052A8-XX (F)

**Hybrid C4 25A+5A 2P+10P Cable End Female Lock (Code B)**



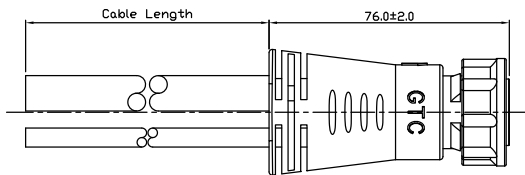
At Rear Of Cable	Contacts	Ordering No.
C4 25A+5A 2P+10P Cable End Blunt Cut		GT1D42A2-052A8-XX(F)

**Hybrid C4 25A+5A 2P+10P Cable End Male Lock (Code A)**



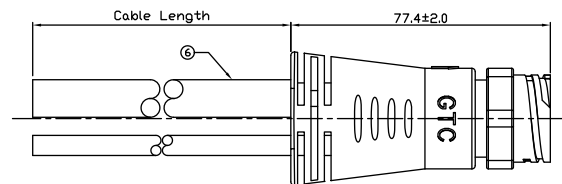
At Rear Of Cable	Contacts	Ordering No.
C4 25A+5A 2P+10P Cable End Blunt Cut		GT1D42A3-052A8-XX (F)

## Hybrid C5 20A+5A 3P+9P Cable End Male Twist Lock



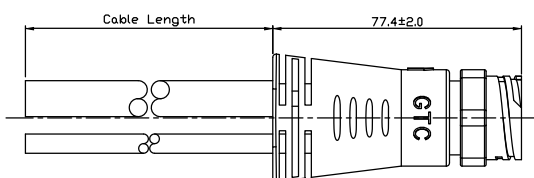
At Rear Of Cable	Contacts	Ordering No.
C5 20A+5A 3P+9P Cable End with SJTW cable Blunt Cut		GT1D5123-25393-XX (F)
C5 20A+5A 3P+9P Cable End with STOW cable Blunt Cut		GT1D5123-25394-XX (F)

## Hybrid C5 20A+5A 3P+9P Cable-To-Cable Female Twist Lock



At Rear Of Cable	Contacts	Ordering No.
C5 20A+5A 3P+9P Cable To Cable with SJTW cable Blunt Cut		GT1D5132-25393-XX (F)
C5 20A+5A 3P+9P Cable To Cable with STOW cable Blunt Cut		GT1D5132-25394-XX (F)

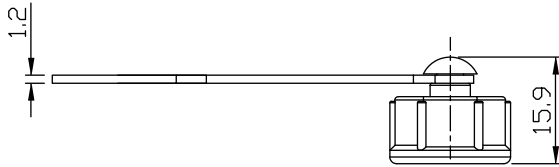
## Hybrid C5 20A+5A 3P+9P Cable-To-Cable Male Twist Lock



At Rear Of Cable	Contacts	Ordering No.
C5 20A+5A 3P+9P Cable To Cable Blunt Cut		GT1D5133-25393-XX(F)
C5 20A+5A 3P+9P Cable To Cable Blunt Cut		GT1D5133-25394-XX(F)

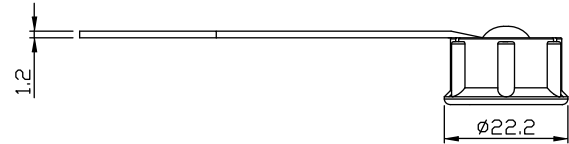


## Cap Plastic For C2 Lock Panel



At Rear Of Cable	Contacts	Ordering No.
W/O Lanyard		GT1C522102
Rubber Lanyard		GT1C522122
Plastic Lanyard		GT1C522132

## Cap Plastic For C3 Lock Panel

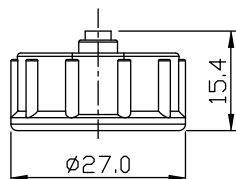
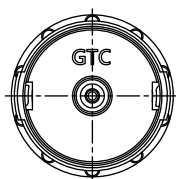


At Rear Of Cable	Contacts	Ordering No.
Metal Lanyard		GT1C532112
Rubber Lanyard		GT1C532122
Plastic Lanyard		GT1C532132

Cap No.	Mating Series No.
GT1C522XXXX	GT15220X-XXXX
	GT15221X-XXXX
	GT1D22XX-XXXXX

Cap No.	Mating Series No.
GT1C5321XX	GT15320X-XXXX
	GT15321X-XXXX
	GT1D32XX-XXXXX

Cap Plastic For C4 Lock Panel



At Rear Of Cable	Contacts	Ordering No.
Metal Lanyard		GT1C542102
Rubber Lanyard		GT1C542122
Plastic Lanyard		GT1C542132

Cap No.	Mating Series No.
GT1C542XXX	GT15420X-XXXX
	GT15421X-XXXX
	GT1D42XX-XXXXX
	GT1H1200-XXXX

# Power Series



Power Push Lock (41A) Series  
Power Push Lock (30A) Series



## M35

### 1. Panel

41A 3P Plastic Panel Field Installable Screw-In Push Lock Part No.GT1E140 Series. 174

### 2. Cable end

41A 3P Plastic Cable End Field Installable Screw-In Push Lock Part No.GT1E141 Series. 174

## M25

### 1. Panel

30A 3P Plastic Panel Field Installable Screw-In Push Lock Part No.1E240 Series. 175

### 2. Cable end

30A 3P Plastic Cable End Field Installable Screw-In Push Lock Part No.1E241 Series. 175

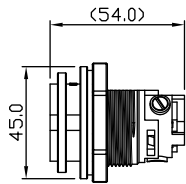
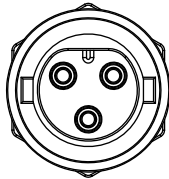
Material	
	M35
Housing (Male // Female)	Thermoplastic
Contacts (Male // Female)	Copper Alloy , Ni Plated
Hex Nut / Gland Nut / Clamp	Thermoplastic
Gasket // O-Ring	Silicone
Gland	NBR
Machine Screw	S15C
Terminal	Beryllium Copper , Sn Plated

Technical Data	
Insulation Resistance	DC 500V±10% , test for 1 minute and the insulation resistance should be more than100MΩ
Dielectric Withstanding Voltage	Power Pin:2500 V AC contact-to-contact, for 1min.
Contact Resistance	10mΩ at 10mA Max.
Durability	100 cycles insertion/extraction cycles at a maximum rate of 6 times per min.
Thermal Shock	5 cycles at -40°C / +105°C, after the test, the function and appearance can't be impacted.
Waterproof Test	Submersion in water 1 meter for 30 minutes.
Temperature Range	-40°C / +85°C
Number Of Contacts	3
Wire Guage	8AWG
Current Rating	40A

<b>Material</b>	
	<b>M25</b>
<b>Housing (Male // Female)</b>	<b>Thermoplastic</b>
<b>Contacts (Male // Female)</b>	<b>Copper Alloy , Ni Plated</b>
<b>Hex Nut / Gland Nut / Clamp</b>	<b>Thermoplastic</b>
<b>Gasket // O-Ring</b>	<b>Silicone</b>
<b>Gland</b>	<b>Silicone</b>
<b>Machine Screw</b>	<b>SUS</b>
<b>Terminal</b>	<b>Bery Ilium Copper, Ni Plating</b>

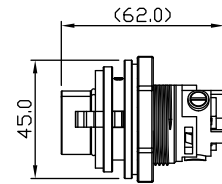
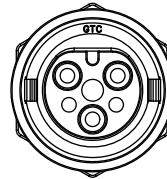
<b>Technical Data</b>	
<b>Insulation Resistance</b>	<b>DC 500V±10% , test for 1 minute and the insulation resistance should be more than100MΩ</b>
<b>Dielectric Withstanding Voltage</b>	<b>Power Pin:2500 V AC contact-to-contact, for 1min.</b>
<b>Contact Resistance</b>	<b>10mΩ at 10mA Max.</b>
<b>Durability</b>	<b>100 cycles insertion/extraction cycles at a maximum rate of 6 times per min.</b>
<b>Thermal Shock</b>	<b>5 cycles at -40°C / +105°C, after the test, the function and appearance can't be impacted.</b>
<b>Waterproof Test</b>	<b>Submersion in water 1 meter for 30 minutes.</b>
<b>Temperature Range</b>	<b>-40°C / +85°C</b>
<b>Number Of Contacts</b>	<b>3</b>
<b>Wire Guage</b>	<b>10AWG</b>
<b>Current Rating</b>	<b>30A</b>

## Power M35 41A 3P Field Installable Panel Female Screw-in Push Lock



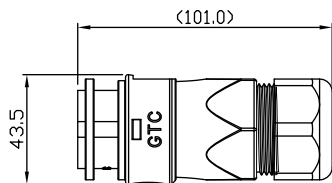
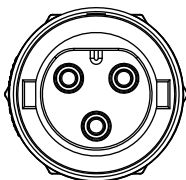
At Rear Of Panel	Contacts	Ordering No.
M35 41A 3P Field Installable Panel		GT1E1400-42030

## Power M35 41A 3P Field Installable Panel Male Screw-in Push Lock



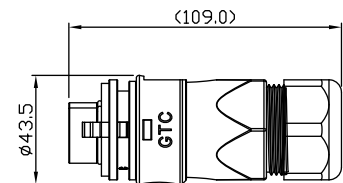
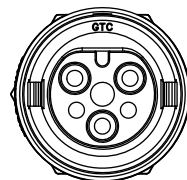
At Rear Of Panel	Contacts	Ordering No.
M35 41A 3P Field Installable Panel		GT1E1401-42030

## Power M35 41A 3P Field Installable Cable End Female Screw-in Push Lock



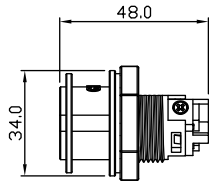
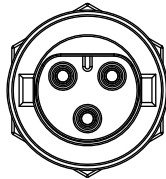
At Rear Of Cable	Contacts	Ordering No.
M35 41A 3P Field Installable Cable End		GT1E1410-42032

## Power M35 41A 3P Field Installable Cable End Male Screw-in Push Lock



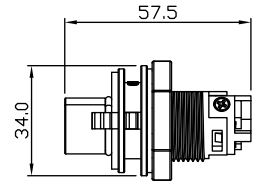
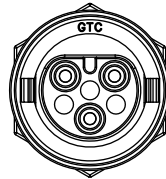
At Rear Of Cable	Contacts	Ordering No.
M35 41A 3P Field Installable Cable End		GT1E1411-42032

**Power M25 30A 3P Field Installable Panel Female Screw-in Push Lock**



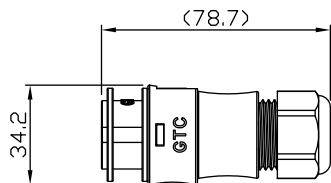
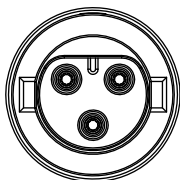
At Rear Of Panel	Contacts	Ordering No.
M25 30A 3P Field Installable Panel		GT1E2400-41030

**Power M25 30A 3P Field Installable Panel Male Screw-in Push Lock**



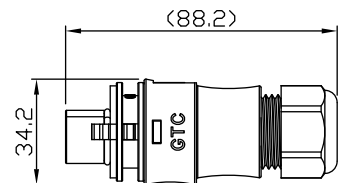
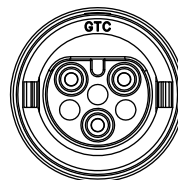
At Rear Of Panel	Contacts	Ordering No.
M25 30A 3P Field Installable Panel		GT1E2401-41030

**Power M25 30A 3P Field Installable Cable End Female Screw-in Push Lock**



At Rear Of Cable	Contacts	Ordering No.
M25 30A 3P Field Installable Cable End		GT1E2410-41033

**Power M25 30A 3P Field Installable Cable End Male Screw-in Push Lock**



At Rear Of Cable	Contacts	Ordering No.
M25 30A 3P Field Installable Cable End		GT1E2411-41033



# Fiber Optical Series



Fiber Optical SFP Module Connector Series



## Fiber Optical Series

1.  
SFP Metal Panel Lock Part No.GT2F1400. 180
2.  
SFP Metal Cable End Field Installable Lock Part No.GT2F1410. 180

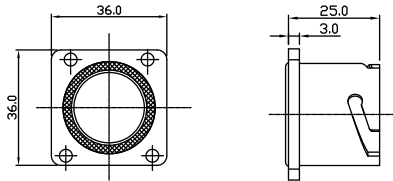
## Fiber Optical Series Cap

1.  
Cap Plastic For SFP Lock Panel With Plastic Lanyard Part No.GT1CF14032. 180

<b>Material</b>	
<b>Panel Housing</b>	<b>Zn Alloy , Ni Plating</b>
<b>Panel O-Ring</b>	<b>Silicone</b>
<b>Cable End Cover</b>	<b>Thermoplastic</b>
<b>Cable End Lock Nut</b>	<b>Zn Alloy , Ni Plating</b>
<b>Cable End Gasket // Gland</b>	<b>Silicone</b>
<b>Cable End Gland Nut</b>	<b>Thermoplastic</b>

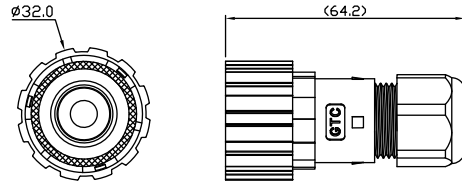
<b>Technical Data</b>	
<b>Durability</b>	<b>Lock type 200 cycles rate of 200 cycles per hour.</b>
<b>Thermal Shock</b>	<b>5 cycles at -40°C / +105°C , after the test, the function and appearance can't be impacted.</b>
<b>Waterproof Test</b>	<b>Submersion in water 1 meter for 30 minutes.</b>

## Panel



At Rear Of Panel	Cable Length	Ordering No.
SFP Metal Panel Lock		GT2F1400

## cable end



At Rear Of Cable	Cable Length	Ordering No.
SFP Metal Field Installable Cable End Lock		GT2F1410

## Cap



Appearance	Ordering No.
Cap Plastic For SPF Lock Panel With Plastic Lanyard	GT1CF14032



# HDMI Series



**HDMI C3 Series**  
**HDMI C4 Series**





## C3 HDMI Panel

1. HDMI Metal Panel Female Screw Part No, GT2H2300 Series. 186

## C3 HDMI Cable End

1. HDMI Metal Cable End Plug Screw Part No. GT2H2320 Series. 186

## C4 HDMI Panel

1. HDMI Plastic Panel Female Lock Part No.GT1H1200 Series. 186

## C4 HDMI Cable End

1. HDMI Plastic Cable End Plug Lock Part No.GT1H1220 Series. 186

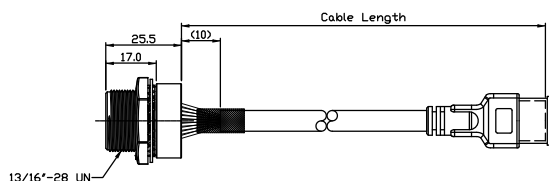
## C4 Cap

1. C4 Plastic Panel Cap Lock Part No.GT1C542 Series. 187  
C3 Metal Panel Cap Screw Part No.GT2C213 Series. 187

<b>Material</b>	
Panel Housing	Thermoplastic
HDMI Receptacle Housing	Thermoplastic
HDMI Receptacle Contacts	Copper Alloy , Au Plated
HDMI Receptacle Shell	Copper Alloy , Ni Plated
Panel Gasket	Silicone
Panel Hex Nut	Thermoplastic
Glue	Epoxy
Cable End Lock	Thermoplastic
HDMI Plug Housing	Thermoplastic
HDMI Plug Contacts	Copper Alloy , Au Plated
HDMI Plug Shell	Copper Alloy , Au Plated
Cable End Rubber Pad	Silicone
Inner Mold	Thermoplastic
Over Mold	PVC

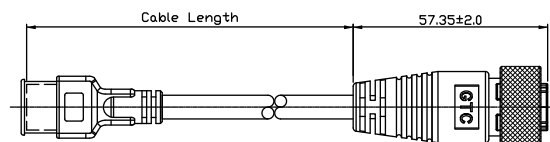
<b>Technical Data</b>	
Insulation Resistance	DC500V±10% , test for 1 minute and the insulation resistance should be more than1000MΩ
Dielectric Withstanding Voltage	300V DC/AC peak, contact-to-contact, for 1min.
Contact Resistance	30mΩ at 10mA Max.
Durability	Lock type 200 cycles, rate of 200 cycles per hour.
Thermal Shock	5 cycles at -40°C / +105°C , after the test, the function and appearance can't be impacted.
Waterproof Test	Submersion in water 1 meter for 30 minutes.
Temperature Range	-40°C / +85°C
Wire Gauge	28AWG
Current Rating	0.5A

## HDMI C3 Metal Panel Female Screw



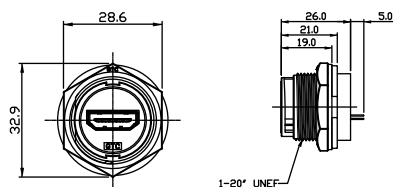
At Rear Of Panel	Contacts	Ordering No.
HDMI C3 Metal Panel Female Screw Dip		GT2H2300-10
HDMI C3 Metal Panel Female Screw With HDMI Receptacl		GT2H2300-01-XX
HDMI C3 Metal Panel Female Screw With HDMI Plug		GT2H2300-02-XX

## HDMI C3 Metal Cable End Plug Screw



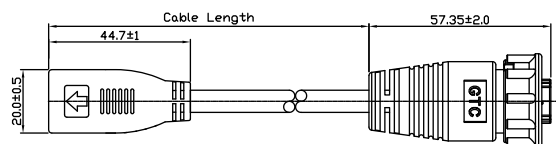
At Rear Of Cable	Contacts	Ordering No.
HDMI C3 Metal Cable End Plug Lock With HDMI Receptacl		GT2H2320-01-XX
HDMI C3 Metal Cable End Plug Screw With HDMI Plug		GT2H2320-02-XX

## HDMI C4 Plastic Panel Female Lock



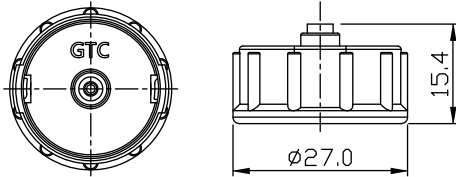
At Rear Of Panel	Contacts	Ordering No.
HDMI C4 Plastic Panel Female Lock Dip		GT1H1200-10
HDMI C4 Plastic Panel Female Lock With HDMI Receptacle		GT1H1200-01-XX
HDMI C4 Plastic Panel Female Lock With HDMI Plug		GT1H1200-02-XX

## HDMI C4 Plastic Cable End Plug Lock



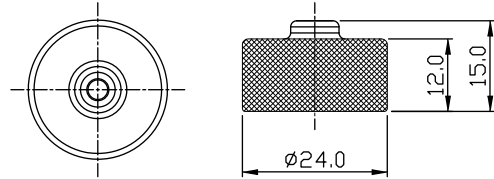
At Rear Of Cable	Contacts	Ordering No.
HDMI C4 Plastic Cable End Plug Lock With HDMI Receptacle		GT1H1220-01-XX
HDMI C4 Plastic Cable End Plug Lock With HDMI Plug		GT1H1220-02-XX

Cap Plastic For C4 Lock Panel



Appearance	Contacts	Ordering No.
Cap without Lanyard		GT1C542102
rubber Lanyard		GT1C542122
plastic Lanyard		GT1C542132

C3 HDMI Metal Cap Screw Type1



Appearance	Contacts	Ordering No.
C3 HDMI Screw Cap W/O Lanyard		GT2C213002
C3 HDMI Screw Cap Metal Lanyard		GT2C213012
C3 HDMI Screw Cap Metal Lanyard M4 Screw		GT2C213062
C3 HDMI Screw Cap For Lanyard End Metal Chain		GT2C213212
C3 HDMI Screw Cap For Lanyard End Plastic Chain		GT2C213232

Cap No.	Mating Series No.
GT1C5421XX	GT15420X-XXXX
	GT15421X-XXXX
	GT1H1200-XXXX

Cap No.	Mating Series No.
GT2C2130XX	GT216300-XXXX
	GT218300-XXXX
	GT12530X-XXXX
	GT12531X-XXXX
	GT5330X-XXXX
	GT15331X-XXXX
	GT22550X-XXXX
	GT22551X-XXXX

# SNAP-IN Series



SNAP-IN (2A, 5A) Series



## 2A-Panel

1.

SNAP-IN M6 2A Male/Female Part No.GT1S1411-01-XXX/GT1S1401-01XXX Series. 192

## 2A-Cable End

1.

SNAP-IN M6 2A Male/Female Part No.GT1S1434-01XXX-XX/GT1S1424-01XXX-XX Series. 192

## 5A-Panel

1.

SNAP-IN M6 5A Male/Female Part No.GT1S1411-02-XXX/GT1S1401-02XXX Series. 193

## 5A-Cable End

1.

SNAP-IN M6 5A Male/Female Part No.GT1S1434-02XXX-XX/GT1S1424-02XXX-XX Series. 193

Material	
	2A
Panel & Cable End Housing (Male // Female)	PA66
Contacts (Male // Female)	Copper Alloy , Au Plated
Panel Hex Nut	Copper Alloy
Panel O-Ring	Silicone
Glue	Epoxy
Over Mold	TPU

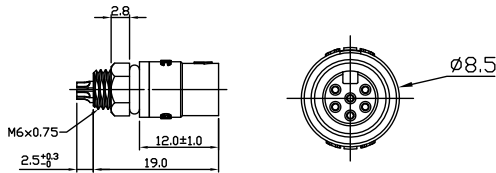
Technical Data	
Insulation Resistance	DC 500V±10% , test for 1 minute and the insulation resistance should be more than100MΩ
Dielectric Withstanding Voltage	500 V AC contact-to-contact, for 1min.
Contact Resistance	10mΩ at 10mA Max.
Durability	Snap-in type 2000 cycles, rate of 250 cycles per hour.
Cable Pull-Out	After the application of a steady state axial load of 222N for 1hour
Thermal Shock	5 cycles at -40°C / +105°C , after the test, the function and appearance can't be impacted.
Waterproof Test	Submersion in water 1 meter for 30 minutes.
With Cable Temperature Range	-40°C / +85°C
Without Cable Temperature Range	-40°C / +105°C
Number Of Contacts	4~6
Wire Gauge	24AWG
Current Rating	2A

<b>Material</b>	
	5A
Panel & Cable End Housing (Male // Female)	PA66
Contacts (Male // Female)	Copper Alloy , Au Plated
Panel Hex Nut	Copper Alloy
Panel O-Ring	Silicone
Glue	Epoxy
Over Mold	TPU

<b>Technical Data</b>	
Insulation Resistance	DC 500V±10% , test for 1 minute and the insulation resistance should be more than100MΩ
Dielectric Withstanding Voltage	500 V AC contact-to-contact, for 1min.
Contact Resistance	10mΩ at 10mA Max.
Durability	Snap-in type 2000 cycles, rate of 250 cycles per hour.
Cable Pull-Out	After the application of a steady state axial load of 222N for 1hour
Thermal Shock	5 cycles at -40°C / +105°C , after the test, the function and appearance can't be impacted.
Waterproof Test	Submersion in water 1 meter for 30 minutes.
With Cable Temperature Range	-40°C / +85°C
Without Cable Temperature Range	-40°C / +105°C
Number Of Contacts	2~3
Wire Gauge	22AWG
Current Rating	5A

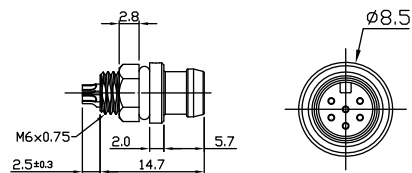


## SNAP-IN M6 2A Female Panel



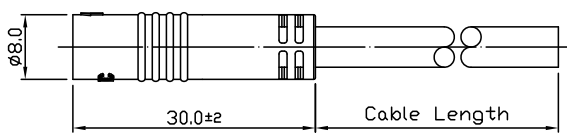
At Rear of Panel	Contacts	Ordering No.
Snap-in M6 2A Female 6P Panel	6	GT1S1401-01060
Snap-in M6 2A Female 6P Panel	5	GT1S1401-01050
Snap-in M6 2A Female 4P Panel	4	GT1S1401-01040

## SNAP-IN M6 2A Male Panel



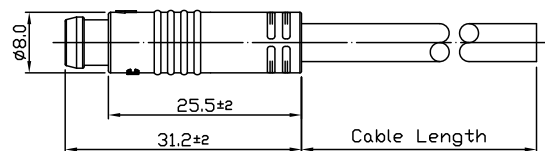
At Rear of Panel	Contacts	Ordering No.
Snap-in M6 2A Male 6P Panel	6	GT1S1411-01060
Snap-in M6 2A Male 6P Panel	5	GT1S1411-01050
Snap-in M6 2A Male 4P Panel	4	GT1S1411-01040

## SNAP-IN M6 2A Female Cable



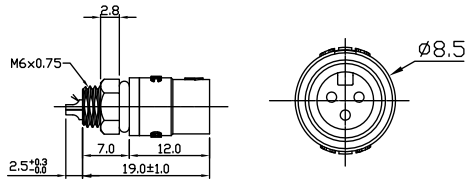
At Rear Of Panel	Contacts	Ordering No.
Snap-in M6 2A Female 6P Cable End With Cable	6	GT1S1424-01061-XX
Snap-in M6 2A Female 5P Cable End With Cable	5	GT1S1424-01051-XX
Snap-in M6 2A Female 4P Cable End With Cable	4	GT1S1424-01041-XX
Snap-in M6 2A Female 6P Cable End With Cable UL20549	6	GT1S1424-01062-XX
Snap-in M6 2A Female 5P Cable End With Cable UL20549	5	GT1S1424-01052-XX
Snap-in M6 2A Female 4P Cable End With Cable UL20549	4	GT1S1424-01042-XX

## SNAP-IN M6 2A Male Cable



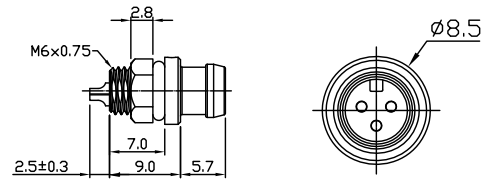
At Rear Of Panel	Contacts	Ordering No.
Snap-in M6 2A Male 6P Cable End With Cable	6	GT1S1434-01061-XX
Snap-in M6 2A Male 5P Cable End With Cable	5	GT1S1434-01051-XX
Snap-in M6 2A Male 4P Cable End With Cable	4	GT1S1434-01041-XX
Snap-in M6 2A Male 6P Cable End With Cable UL20549	6	GT1S1434-01062-XX
Snap-in M6 2A Male 5P Cable End With Cable UL20549	5	GT1S1434-01052-XX
Snap-in M6 2A Male 4P Cable End With Cable UL20549	4	GT1S1424-01042-XX

**SNAP-IN M6 5A Female Panel**



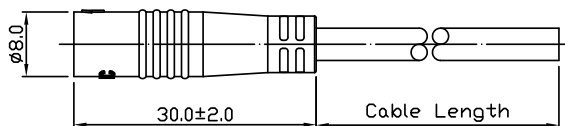
At Rear of Panel	Contacts	Ordering No.
Snap-in M6 5A Female 3P Panel	3	GT1S1401-02030
Snap-in M6 5A Female 2P Panel	2	GT1S1401-02020

**SNAP-IN M6 5A Male Panel**



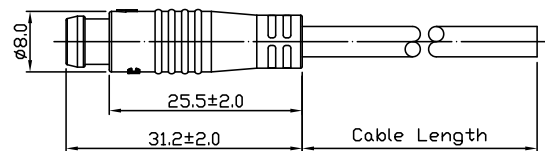
At Rear of Panel	Contacts	Ordering No.
Snap-in M6 5A Male 3P Panel	3	GT1S1411-02030
Snap-in M6 5A Male 2P Panel	2	GT1S1411-02020

**SNAP-IN M6 5A Female Cable**



At Rear Of Panel	Contacts	Ordering No.
Snap-in M6 5A Female 3P Cable End With Cable UL20549	3	GT1S1424-02032-XX
Snap-in M6 5A Female 2P Cable End With Cable UL20549	2	GT1S1424-02022-XX

**SNAP-IN M6 5A Male Cable**



At Rear Of Panel	Contacts	Ordering No.
Snap-in M6 5A Female 5P Cable End With Cable UL20549	3	GT1S1434-02032-XX
Snap-in M6 5A Female 4P Cable End With Cable UL20549	2	GT1S1424-02022-XX

**SNAP-IN**

# Tool & Spanner Nut



**Circular Series**  
**Power Series**



## Circular Series

### 1. Spanner Nut Tool

C1 Spanner Tool GT58151-X1001	198
C2 Spanner Tool GT58152-X1001	198
C3 Spanner Tool GT58153-X1002	198
C4 Spanner Tool GT58154-X1001	198
C5 Spanner Tool GT58155-X1001	198

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### 2. Spanner Nut

C1 Spanner Nut GT66151-00020	198
C2 Spanner Nut GT66152-00030	198
C3 Spanner Nut GT66153-00020	198
C4 Spanner Nut GT66154-00020	198
C5 Spanner Nut GT66155-00010	198

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## Power

### 1. M25

M25 Tooling GT601E2-X8105	199
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### 2. M35

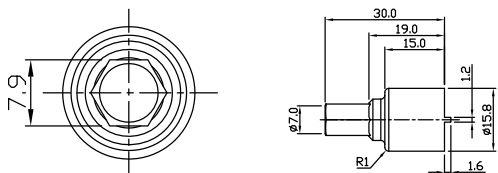
M35 Tooling GT601E1-X8107	199
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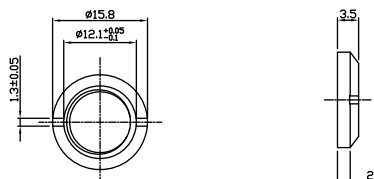
# Spanner Nut Tool (Circular Connector Series)

Spanner Nut Tool



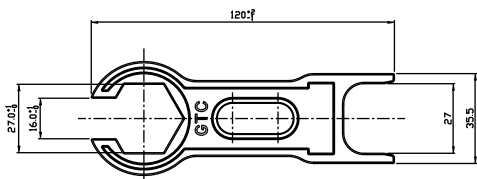
Appearance	Ordering No.
C1 Spanner Nut Tool	GT58151-X1001
C2 Spanner Nut Tool	GT58152-X1001
C3 Spanner Nut Tool	GT58153-X1001
C4 Spanner Nut Tool	GT58154-X1001
C5 Spanner Nut Tool	GT58155-X1001

Spanner Nut



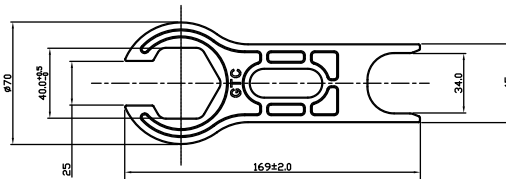
Appearance	Ordering No.
C1 Spanner Nut	GT66151-00020
C2 Spanner Nut	GT66152-00030
C3 Spanner Nut	GT66153-00020
C4 Spanner Nut	GT66154-00020
C5 Spanner Nut	GT66155-00010

M25 Tool



Appearance	Ordering No.
M25 Tool	GT601E2-X8105

M35 Tool



Appearance	Ordering No..
M35 Tool	GT601E1-X8107



# Memo

A large, empty rectangular box with a light blue border, intended for writing a memo. The box is centered on the page and occupies most of the vertical space below the header.

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