

**MG 01F 28L-50P SPL AA-3999**

NSN 5935-66-147-0146

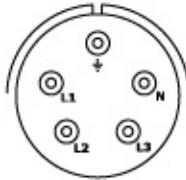
Mfd. By ALLIED ELECTRONICS CORPN. - INDIA



NOTE: Image displayed above is for illustration purposes only. It may not represent actual item detailed on this data sheet.

MG 01F 28L-50P SPL AA-3999 is an in-line circular bayonet coupling connector. It is used to extend a length of cable when connected to its mating half. It has 5 male contacts, one contact is a dedicated earth contact and is positively connected to the body of the connector. The connector will mate with a straight plug (06) style and with right angle (08) plug. The connector is supplied with a metal dust cap with sash chain fixture. **This connector has been certified by the Chief Electrical Inspector of Victoria for use in a low voltage electrical installation. Certificate N° 100446/00**

Illustration below shows front face of connector – NOT TO SCALE



<b>Insert Specification</b>	28L-50P
<b>Total No. of Contacts</b>	5 Male
<b>Contact Size</b>	8 AWG

For full dimensional details, see DRG. NO: 101 075 04 28 184

Designed to JSS 50815 (Dept. of Defence Govt. of India), equivalent to VG 95234, and to meet requirements of AS / NZS 3123:2005

<b>Shell Housing, Cable adapter, Taper ring, Clamp body, Clamp Ferrule, and Dust cap (Finish)</b>	Aluminum Alloy (Olive Drab Cadmium Plating)
<b>Insulator, Insulating sleeve, Insulating Grommet and Clamp grommet</b>	Polychloroprene
<b>Grommet cover</b>	Polyamide
<b>Contacts</b>	Copper Base Alloy - Silver Plated
<b>'O' Ring</b>	Neoprene
<b>Grounding Rivet Pin</b>	Stainless Steel
<b>Operating Temperature</b> (JSS Rfq.)	-55°C to +125°C
<b>Damp Heat</b> (JSS Rfq.)	H 13
<b>Air Pressure (Low)</b> (JSS Rfq.)	P 17 : 4.4 kPa
<b>Acceleration (Steady State)</b> (JSS Rfq.)	A 10 : 170 m/s <sup>2</sup>
<b>Impact (Shock)</b> (JSS Rfq.)	S 12 : 500 m/s <sup>2</sup> , 11ms
<b>Vibration</b> (JSS Rfq.)	V 14 : 10 to 2000Hz; 200m/s <sup>2</sup> (max.)
<b>Cable Termination</b>	Solder
<b>Insulation Resistance</b> (JSS Rfq.)	Min 5000 Meg Ohms at 500 V DC
<b>Rated Working Voltage – AC</b>	240/415 V
<b>Rated Current per contact – Amps</b> (JSS Rfq.)	46 A
<b>Rated Current (Connector) – Amps</b> (JSS Rfq.)	40 A
<b>Test Voltage – AC</b> (JSS Rfq.)	2000 V AC rms
<b>Wire Size</b>	2.5 to 3.15 mm



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