

**Part Number: U12-FEMS-CON-MPFF-MILC**

Effective Date: 6/28/2020

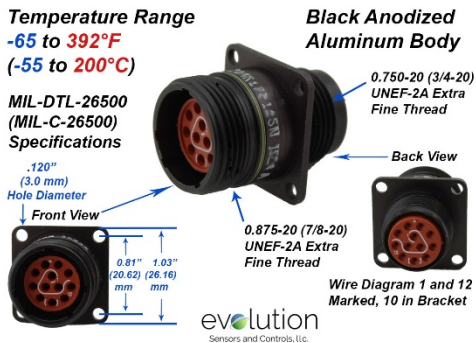
**Product Description:** Multipin Circular Thermocouple Connector 12 Pin Female Flange Mounted Design. MIL-DTL-26500 (MIL-C-26500) Specifications

**Multipin Thermocouple Connector  
12 Pin Female Flange Mounted Design**

Use Crimp or Solid Thermocouple Pin Contacts and 20 or 24 Gage Wire (Stranded recommended)

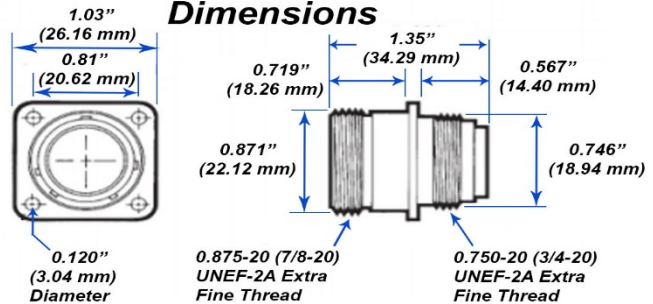
**Temperature Range**  
-65 to 392°F  
(-55 to 200°C)

**MIL-DTL-26500  
(MIL-C-26500)  
Specifications**



**Multi Pin Thermocouple Connector  
12 Pin Female Flange Mounted Design**

**Dimensions**



**EvoSensors Part Number  
U12-FEMS-CON-MPFF-MILC**

Thermocouple Connector Type	Universal (Determined by the thermocouple alloy pins inserted)
Connector Configuration	12 Pin Circular Female Threaded with Flange Mount. Utilized with Specifically designed pins
Temperature Operating Range	-65 to 392°F (-55 to 200°C)
Connector Body Material	Black Anodized Aluminum Body
Connector Internal Dielectric Materials	Glass Filled Epoxy
Connector Grommet – Seal Materials	Rubber Silicone/Fluorosilicone
Recommend Wire Diameter	20 or 24 Gage Wire (Stranded recommended)
Thermocouple Terminal Connections	(20S = 7/28 .037" or 24S = 7/32 .024)
Terminal Connections Design	Crimp on Solid or Formed pins
Coupling Method	Threaded
Moisture Resistance	1,000 megohms minimum MIL-STD-202 Method 106
Weight	Without alloy pins 0.88 ounces (25 grams)
Color Coding	Not applicable to connector body – internal pins and wire color is determined by the thermocouple alloy selected
RoHS Status	Compliant to RoHS 2 and 3 directives