TE Internal #: T4145015081-002

Standard Circular Connectors, Wire-to-Board, 8 Position, Sealable, Panel Mount, Reverse Gender, Nickel, Brass, A Polarization Code,

Polyamide GF

View on TE.com >

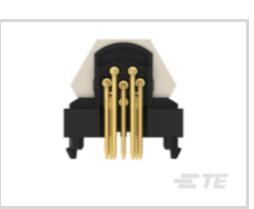


Connectors > Circular Connectors > Standard Circular Connectors











Connector System: Wire-to-Board

Number of Positions: 8

Sealable: Yes

Connector Mounting Type: Panel Mount

Reverse Gender: Yes

### **Features**

### Product Type Features

Prewired	No
Product Type	Connector Assembly
Accessory Color	Black
Assembly Type	Electrical Connector
Connector System	Wire-to-Board
Sealable	Yes
Circular Connector Type	Receptacle
Shell Type	Plastic
Configuration Features	
Keying & Polarized Position Locations	0
Number of Positions	8
Number of Power Positions	0
Number of Signal Positions	8



Operating Voltage	30 VAC
Voltage	30 Vrms
Body Features	
Peripheral Seal Material	Silicone
Environmental Protection	IP67
Weight	11.94 g[.026 lb]
O-Ring Material	Silicone
Environmental Protection Type	Elastomer Sealed
Shell Plating Material	Nickel
Shell Base Material	Brass
Circular Connector Insulation Material Type	Polyamide GF
Contact Features	
Reverse Gender	Yes
Circular Connector Contact Type	Pin
Mechanical Attachment	
Connector Mounting Type	Panel Mount
Polarization Code	A
Mating Alignment Type	Keyed
Mating Retention	With
Housing Features	
Circular Connector Shell Size	12
Usage Conditions	
IP Dust Sealing Level	6
IP Water Sealing Level	7
Operating Temperature Range	-40 - 85 °C[-40 - 185 °F]
Operation/Application	
Shielded	No
Industry Standards	
UL Flammability Rating	UL 94HB
Packaging Features	
Packaging Quantity	120



### **Product Compliance**

For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Compliant with Exemptions
EU ELV Directive 2000/53/EC	Compliant with Exemptions
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2023 (235) Candidate List Declared Against: JAN 2021 (211) SVHC > Threshold: Pb (3.7% in Pb-Alloy in Copper) Article Safe Usage Statements: Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not reviewed for solder process capability

#### Product Compliance Disclaimer

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: https://echa.europa.eu/guidance-documents/guidance-on-reach

## Compatible Parts



# Customers Also Bought















E005







### **Documents**

### **Product Drawings**

M12 RA PCB CONN. Female 8 P UN SHIELD

English

### **CAD Files**

3D PDF

3D

**Customer View Model** 

ENG\_CVM\_CVM\_T4145015081-002\_A.2d\_dxf.zip

English

**Customer View Model** 

ENG\_CVM\_CVM\_T4145015081-002\_A.3d\_igs.zip

English

**Customer View Model** 

ENG\_CVM\_CVM\_T4145015081-002\_A.3d\_stp.zip

English

By downloading the CAD file I accept and agree to the **Terms and Conditions** of use

**Product Specifications** 

Standard Circular Connectors, Wire-to-Board, 8 Position, Sealable, Panel Mount, Reverse Gender, Nickel, Brass, A Polarization Code, Polyamide GF



English

Product Environmental Compliance

**Product Compliance** 

English

**Product Compliance** 

English