# 1-2823445-4 ACTIVE

#### M12 Connector

TE Internal #: 1-2823445-4

Cable-to-Cable, 4 Position, Sealable, Wire & Cable, Signal, Cable Mount (Free-Hanging), Reverse Gender, M12 Connector, Standard

Circular Connectors

View on TE.com >



Connectors > Circular Connectors > Standard Circular Connectors > M12 Straight Crimped Strain Relief











Connector System: Cable-to-Cable

Connector Mounting Type: Cable Mount (Free-Hanging)

Number of Positions: 4

Sealable: Yes

Connector & Contact Terminates To: Wire & Cable

All M12 Straight Crimped Strain Relief (53)

### **Features**

### **Product Type Features**

Product Type	Connector Assembly
Accessory Color	Black
Assembly Requirement	Factory Assembled
Assembly Type	Electrical Connector
Circular Connector Shell Type	All Plastic
Connector Product Type	Connector Assembly
Connector System	Cable-to-Cable
Sealable	Yes
Connector & Contact Terminates To	Wire & Cable
Circular Connector Type	Plug
Shell Type	Plastic

### **Configuration Features**

Number of Positions	4	



Number of Power Positions	0
Number of Signal Positions	4
Contacts Preloaded	No
lectrical Characteristics	
Operating Voltage	50 VDC
ody Features	
Environmental Protection	Yes
Weight	25 g[.0552 lb]
Environmental Protection Type	Elastomer Sealed
Shell Plating Material	Unplated
Shell Base Material	Plastic
Circular Connector Insulation Material Type	Low Fire Hazard Thermoplastic
Hermetically Sealed	Yes
Contact Features	
Contact Current Rating (Max)	4 A
Reverse Gender	Yes
Circular Connector Contact Type	Pin
Mechanical Attachment	
Connector Mounting Type	Cable Mount (Free-Hanging)
Polarization Code	D
Mating Alignment Type	Keyed
lousing Features	
Circular Connector Shell Size	
Pimensions	16
Compatible Insulation Diameter Range	16
	16 8.2 mm
Wire Size	
Wire Size  Usage Conditions	8.2 mm
	8.2 mm
Isage Conditions	8.2 mm 22 AWG
Isage Conditions  IP Dust Sealing Level	8.2 mm 22 AWG



Durability Rating	250 Cycles
Circuit Application	Signal
Shielded	Yes
Industry Standards	
UL Flammability Rating	UL 94V-0
Packaging Features	
Packaging Quantity	1
Other	
Field Serviceable	Yes

### **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	Not Yet Reviewed
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 2024 (241) Candidate List Declared Against: JAN 2024 (240) SVHC > Threshold: Pb (3.5% in Component Part) 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	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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**









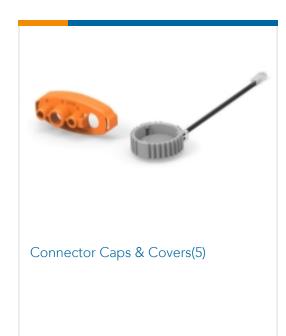


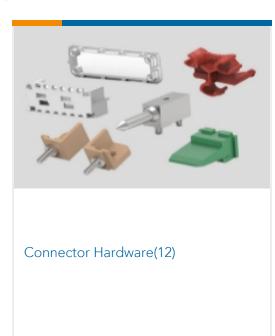


CRIMP FLANGE

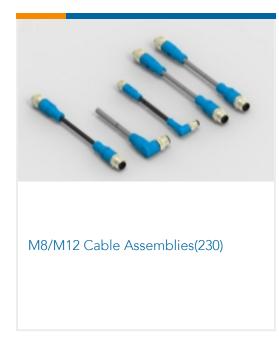


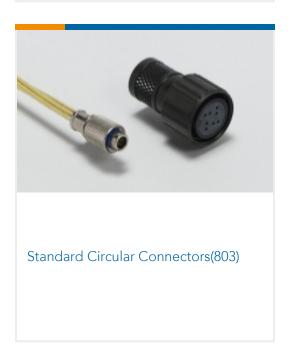
## Also in the Series | M12 Connector











Customers Also Bought





TE Part #DTHD04-1-4P REC, 1P, BLK, N, SIZE 4



















### **Documents**

### **Product Drawings**

M12 D-M-4, CRIMP, CAT 7 RADOX 8.2MM, H&S

English

### **CAD Files**

3D PDF

3D

**Customer View Model** 

ENG\_CVM\_CVM\_1-2823445-4\_A.2d\_dxf.zip

English

**Customer View Model** 

ENG\_CVM\_CVM\_1-2823445-4\_A.3d\_igs.zip

English

**Customer View Model** 

ENG\_CVM\_CVM\_1-2823445-4\_A.3d\_stp.zip

English

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

Datasheets & Catalog Pages

Cable-to-Cable, 4 Position, Sealable, Wire & Cable, Signal, Cable Mount (Free-Hanging), Reverse Gender, M12 Connector, Standard Circular Connectors



### M12 RAIL CONNECTOR SERIES

English

M12 Rail Straight Connector

English

**Product Specifications** 

**Product Specification** 

English