

M12 Connector

TE Internal #: 2351378-4

Standard Circular Connectors, Cable-to-Cable, 4 Position, Sealable,

Wire & Cable, Signal, Cable Mount (Free-Hanging), Reverse

Gender, M12 Connector

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Connectors > Circular Connectors > Standard Circular Connectors











Connector System: Cable-to-Cable

Connector Mounting Type: Cable Mount (Free-Hanging)

Number of Positions: 4

Sealable: Yes

Connector & Contact Terminates To: Wire & Cable

Features

Product Type Features

Product Type Features	
Product Type	Connector Assembly
Accessory Color	Black
Assembly Requirement	Factory Assembled
Assembly Type	Electrical Connector
Circular Connector Shell Type	Metal-Shell
Connector Product Type	Connector Assembly
Connector System	Cable-to-Cable
Sealable	Yes
Connector & Contact Terminates To	Wire & Cable
Circular Connector Type	Plug
Shell Type	Metal
Configuration Features	
Keying & Polarized Position Locations	D

With

Factory Installed Backshell



Keying	D
Number of Positions	4
Number of Power Positions	0
Number of Signal Positions	4
Contacts Preloaded	No
Electrical Characteristics	
Operating Voltage	250 VAC
Voltage	250 Vrms
Body Features	
Peripheral Seal Material	Silicone
Environmental Protection	IP67
O-Ring Material	Silicone
Environmental Protection Type	Elastomer Sealed
Shell Plating Material	Nickel
Shell Base Material	Copper Alloy
Circular Connector Insulation Material Type	Polyamide 66 GF30
Hermetically Sealed	Yes
Contact Features	
Contact Current Rating (Max)	4 A
Reverse Gender	Yes
Reverse Gender Circular Connector Contact Type	Yes Pin
Circular Connector Contact Type	
Circular Connector Contact Type Mechanical Attachment	Pin
Circular Connector Contact Type Mechanical Attachment Mating Retention Type	Pin Threaded Coupling
Circular Connector Contact Type Mechanical Attachment Mating Retention Type Mating Alignment	Pin Threaded Coupling With
Circular Connector Contact Type Mechanical Attachment Mating Retention Type Mating Alignment Connector Mounting Type	Pin Threaded Coupling With Cable Mount (Free-Hanging)
Circular Connector Contact Type Mechanical Attachment Mating Retention Type Mating Alignment Connector Mounting Type Polarization Code	Pin Threaded Coupling With Cable Mount (Free-Hanging) D
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Circular Connector Contact Type Mechanical Attachment Mating Retention Type Mating Alignment Connector Mounting Type Polarization Code Mating Alignment Type Housing Features	Pin Threaded Coupling With Cable Mount (Free-Hanging) D Keyed
Circular Connector Contact Type Mechanical Attachment Mating Retention Type Mating Alignment Connector Mounting Type Polarization Code Mating Alignment Type Housing Features Circular Connector Shell Size	Pin Threaded Coupling With Cable Mount (Free-Hanging) D Keyed



IP Dust Sealing Level	6
IP Water Sealing Level	IP67
Operating Temperature Range	-40 - 85 °C[-40 - 185 °F]
Operation/Application	
Durability Rating	100 Cycles
Circuit Application	Signal
Shielded	Yes
Industry Standards	
UL Flammability Rating	UL 94V0
Other	
Position Locations Omitted	0
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	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: JAN 2024 (240) Candidate List Declared Against: JUNE 2023 (235) 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



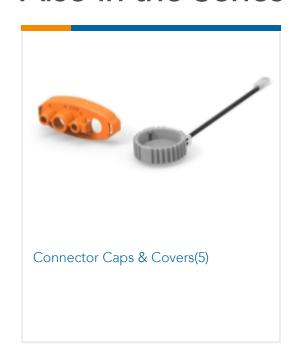






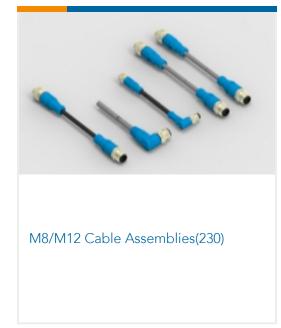
Also in the Series | M12 Connector

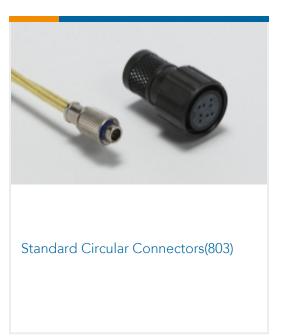
PG9 SEAL











Customers Also Bought





Documents

Product Drawings



M12 MALE, D4 CODE, STR CONNECTOR, PG9 SEAL

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2351378-4_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2351378-4_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2351378-4_A.3d_stp.zip

English

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Product Specifications

Product Specification

English

Application Specification

English