TE Internal #: 6-2271128-2

Standard Circular Connectors, Wire-to-Wire / Wire-to-Board, 12 Position, Sealable, Printed Circuit Board, Signal, Reverse Gender, PBT

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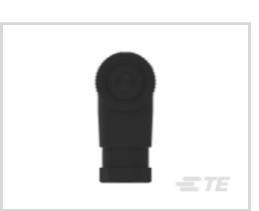


Connectors > Circular Connectors > Standard Circular Connectors











Connector System: Wire-to-Board, Wire-to-Wire

Number of Positions: 12

Sealable: Yes

Connector & Contact Terminates To: Printed Circuit Board

Contact Current Rating (Max): 2A

Features

Product Type Features

Shell Base Material

Circular Connector Insulation Material Type

Product Type	Connector Assembly
Connector System	Wire-to-Board, Wire-to-Wire
Sealable	Yes
Connector & Contact Terminates To	Printed Circuit Board
Circular Connector Type	Plug
Shell Type	Plastic
Configuration Features	
Number of Positions	12
Number of Power Positions	0
Number of Signal Positions	12
Contacts Preloaded	Yes
Body Features	

PBT

Polyamide 66 GF25



Contact Features

Contact reatures	
Contact Current Rating (Max)	2 A
Reverse Gender	Yes
Contact Layout Arrangement	Circular
Circular Connector Contact Type	Socket
Mechanical Attachment	
Polarization Code	A
Mating Alignment Type	Keyed
Mating Retention	With
Housing Features	
Circular Connector Shell Size	12
Dimensions	
Wire Size	.25 mm ²
Usage Conditions	
IP Water Sealing Level	7
IP Dust Sealing Level	6
Operating Temperature Range	-40 – 85 °C[-40 – 185 °F]
Operation/Application	

Product Compliance

Circuit Application

Shielded

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: JUNE 2023 (235) SVHC > Threshold: Pb (4% 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

Signal

No



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













Customers Also Bought























Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_6-2271128-2_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_6-2271128-2_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_6-2271128-2_A.3d_stp.zip

English

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

Datasheets & Catalog Pages

M8 / M12 Connector System Catalog

English

M8 / M12 Connector System Catalog

Japanese

Product Specifications

Product Specification

English