



Connectors > Circular Connectors > Standard Circular Connectors



Number of Positions: 5

Connector System: **Cable-to-Board**

Sealable: **Yes**

Connector & Contact Terminates To: **Wire & Cable**

Contact Current Rating (Max): **1.5 A**

Features

Product Type Features

Connector Product Type	Connector Assembly
Connector System	Cable-to-Board
Sealable	Yes
Connector & Contact Terminates To	Wire & Cable
Circular Connector Type	Plug
Shell Type	Metal

Configuration Features

Number of Positions	5
Number of Power Positions	0
Number of Signal Positions	5
Contacts Preloaded	Yes

Electrical Characteristics

Operating Voltage	250 VAC
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Body Features

Feedthrough Type	Yes
Shell Plating Material	Nickel
Shell Base Material	Zinc Alloy
Circular Connector Insulation Material Type	Polyamide 66 GF25

Contact Features

Contact Current Rating (Max)	1.5 A
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Reverse Gender	Yes
Contact Layout Arrangement	Circular
Circular Connector Contact Type	Pin

Mechanical Attachment

Mating Alignment	With
Polarization Code	A
Mating Alignment Type	Keyed
Mating Retention	With

Dimensions

Wire Size	18 AWG
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Operation/Application

Circuit Application	Signal
Shielded	Yes

Packaging Features

Packaging Quantity	1
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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 2025 (247) Candidate List Declared Against: JUNE 2024 (241) 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 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

TE Part # T4110012051-000
M12 F, 5P GOLD A_CODE S
SHIELDED PG9

Customers Also Bought

TE Part #1617147-5
JMGAP-26P = M39016/17-030P

TE Part #CAT-HST-BSTS
BSTS/BSTS-FR Heat Shrink Tubing

TE Part #1617807-5
FC-335-SY8= RELAY, 3PST

TE Part #ZPF000000000007174
983-ORS 08-98 PN

TE Part #358279-000
382C312-50-01-0

TE Part #ZPF0000000000001261
097-0267-16 A1267

TE Part #1616058-6
A703CD (FAA/PMA)=RELAY

TE Part #YDTS20Y13-98XNV001
HERM RECP

Documents

Product Drawings

M12.MALE.A CODE.5P.PG9.SHIELDED.(AU)

English

Datasheets & Catalog Pages

M8 / M12 Connector System Catalog

English



M8 / M12 Connector System Catalog

Japanese

Product Specifications

Product Specification

English