



Connectors > Circular Connectors > Standard Circular Connectors



Number of Positions: 5

Connector System: Wire-to-Board

Sealable: Yes

Contact Current Rating (Max): 4 A

Circuit Application: Signal

Features

Product Type Features

Connector Product Type	Connector Assembly
Connector System	Wire-to-Board
Sealable	Yes
Circular Connector Type	Receptacle
Shell Type	Metal

Configuration Features

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

Body Features

Shell Plating Material	Nickel
Shell Base Material	Brass
Circular Connector Insulation Material Type	Polyamide

Contact Features



Contact Current Rating (Max)	4 A
Reverse Gender	Yes
Contact Layout Arrangement	Circular
Circular Connector Contact Type	Socket

Mechanical Attachment

Connector Mounting Type	Panel Mount
Polarization Code	A
Mating Alignment Type	Keyed
Mating Retention	With

Housing Features

Circular Connector Shell Size	12
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Usage Conditions

IP Dust Sealing Level	6
IP Water Sealing Level	8

Operation/Application

Circuit Application	Signal
Shielded	No

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 # T4111002051-000
[M12,MALE,STRAIGHT,A CODE,5P,PG9,GOLD](#)

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](#)



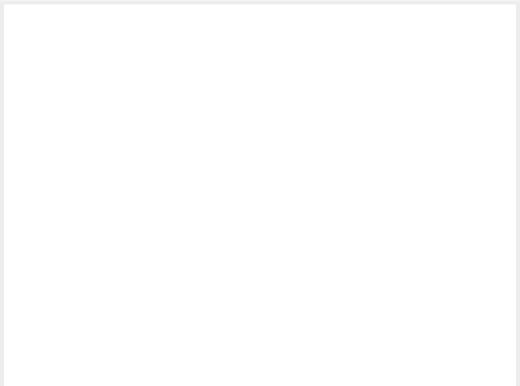
TE Part #ZPF000000000001261
[097-0267-16 A1267](#)




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



TE Part #ZPF0000000000007174
[983-ORS 08-98 PN](#)



TE Part #358279-000
[382C312-50-01-0](#)



TE Part #YDTS20Y13-98XNV001
[HERM RECP](#)

Documents

Product Drawings

[M12.FEMALE.PNLREAR.ACODE.5P.PCBSTAND.RA](#)

English

CAD Files



3D PDF

3D

Customer View Model

[ENG_CVM_CVM_4-2172072-2_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_4-2172072-2_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_4-2172072-2_A.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

[M8 / M12 Connector System Catalog](#)

English

[M8 / M12 Connector System Catalog](#)

Japanese

Product Specifications

[Application Specification](#)

English