



Connectors > Circular Connectors > Standard Circular Connectors



Connector System: **Wire-to-Wire**

Number of Positions: **3**

Sealable: **Yes**

Connector & Contact Terminates To: **Printed Circuit Board**

Contact Current Rating (Max): **3 A**

Features

Product Type Features

Product Type	Connector Assembly
Connector System	Wire-to-Wire
Sealable	Yes
Connector & Contact Terminates To	Printed Circuit Board
Circular Connector Type	Receptacle
Shell Type	Metal

Configuration Features

Number of Positions	3
Number of Power Positions	0
Number of Signal Positions	3
Contacts Preloaded	Yes

Body Features

Shell Plating Material	Nickel
Shell Base Material	Brass



Circular Connector Insulation Material Type	Polyamide
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Contact Features

Contact Current Rating (Max)	3 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 Water Sealing Level	7
IP Dust Sealing Level	6
Operating Temperature Range	-40 – 80 °C[-40 – 176 °F]

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
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 (3% 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 # T4011008031-000
M8,SCREW, MALE,S,UNSHIELD,3P, GOLD

Customers Also Bought




TE Part #T4131012041-000
M12,REAR MOUNT,FEMALE,A,4P, SOLDER WIRE



TE Part #8-1625984-7
HSA50 R01 5%



TE Part #2273000-2
M8 x 1.0 straight plug Pigtail



TE Part #2-2172089-2
M8.FMLE.PNLREAR.3POS.STR. PCBSTND.SHLD



TE Part #2273013-1
M8 Female Panel Mld Rear Mt M8 fast pigt



TE Part #2273022-2
M12 A-Code Male Straight Pigtail

Documents



Product Drawings

[M8.FMLE.PNLREAR.3POS.STR.WIRE](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_2-2172088-2_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2-2172088-2_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2-2172088-2_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