



TE Internal #: 2120958-1

Standard Circular Connectors, Cable-to-Cable, 3 Position, Sealable, Wire & Cable, 4A Contact Current Rating (Max), Signal, Panel Mount, Reverse Gender

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Connectors > Circular Connectors > Standard Circular Connectors



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

Number of Positions: **3**

Sealable: **Yes**

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

Contact Current Rating (Max): **4 A**

Features

Product Type Features

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

Contact Features

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



Circular Connector Contact Type	Socket
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Mechanical Attachment

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

Dimensions

Wire Size	.25 mm ²
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Usage Conditions

Operating Temperature Range	-25 – 90 °C[-13 – 194 °F]
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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	Not Compliant
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 2021 (211) Candidate List Declared Against: JAN 2021 (211) 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 # CAT-C73765-M1
M8 Field Installable

Customers Also Bought

TE Part #1-2273001-1
M8 FEMALE STRAIGHT PIGTAIL

TE Part #1415899-5
PCB Power Relay: 12-16 Amp, Monostable

TE Part #1375820-3
Receptacle Housing: 2.54mm, 1 Row, CST-100 II

TE Part #1-2176085-0
EP 9W (S) 330R 5%

TE Part #1-2273009-1
M8 FEMALE R/A PIGTAIL

TE Part #1-2120958-1
M8 MALE SOCKET WITH WIRES, 0.25 SQMM

TE Part #1-2120959-1
M8 FEMALE SOCKET WITH WIRES, 0.25 SQMM

TE Part #1-2176215-9
CPF A 0402 3K9 0.1% 25PPM 1K RL

TE Part #T4112011031-000
M12 F, 3P GOLD A_CODE RA SHIELDED PG7

TE Part #10208167-00
U537M-H0001Q-002BA: CTO-12500000-04

Documents

Product Drawings



M8 MALE SOCKET WITH WIRES, 0.25 SQMM

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2120958-1_A1_c-2120958-1-a1.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2120958-1_A1_c-2120958-1-a1.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2120958-1_A1_c-2120958-1-a1.3d_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

1-1773730-5_M8M12_SYSTEM_FLYER

English

Product Specifications

Application Specification

English