



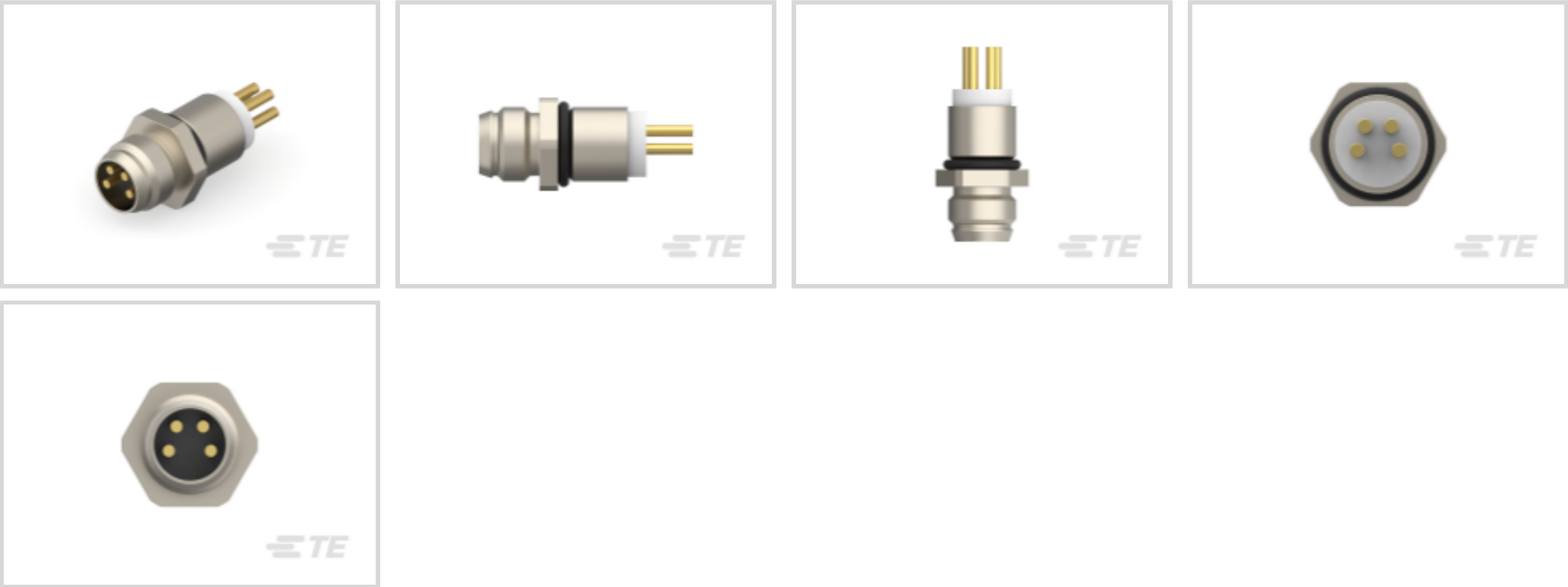
M8 Connector

TE Internal #: 1-2120958-1

Standard Circular Connectors, Cable-to-Cable, 4 Position, Sealable, Wire & Cable, Signal, Reverse Gender, Nickel, Brass, M8 Connector

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Connectors > Circular Connectors > Standard Circular Connectors



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

Number of Positions: **4**

Sealable: **Yes**

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

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

Features

Product Type Features

Product Type	Connector Assembly
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	4
Number of Power Positions	0
Number of Signal Positions	4
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)	4 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

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	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 2024 (240) Candidate List Declared Against: JAN 2024 (240) SVHC > Threshold: Pb (3% in Component Part) <small>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.</small>
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 # T4010008041-000
M8,SCREW, FEMALE,S,UNSHIELD,4P, GOLD

Also in the Series | M8 Connector

Connector Caps & Covers(5)

Connector Hardware(4)

M8/M12 Cable Assemblies(147)

Standard Circular Connectors(105)

Customers Also Bought

TE Part # T4012008041-000
M8,SCREW, FEMALE,R/A,UNSHIELD, 4P,GOLD

TE Part # T4061120004-001
M8 CABLE ST M 0.5M 4POS PUR CABLE

TE Part # T4061310004-001
M8 CABLE ST FEMALE 0.5M 4POS PVC CABLE

TE Part # TAD14745101-005
M12D4-MS-MS-PUR TYPE C GREEN- 5.0M





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



TE Part # 1623928-4
CFR16 5% 330R



TE Part # TCD14745101-001
M12D4-MS-RJ-PUR-22SH-TYPE C GREEN-0.5M



TE Part # 3-1393788-7
V23079B1205B301

TE Part # HS100445
P061PT200B_ 4.5X_85 6.0X_30 3B

Documents

Product Drawings

M8 MALE SOCKET WITH WIRES, 0.25 SQMM

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-2120958-1_A1_c-1-2120958-1-a1.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-2120958-1_A1_c-1-2120958-1-a1.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-2120958-1_A1_c-1-2120958-1-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

1-2120958-1

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