



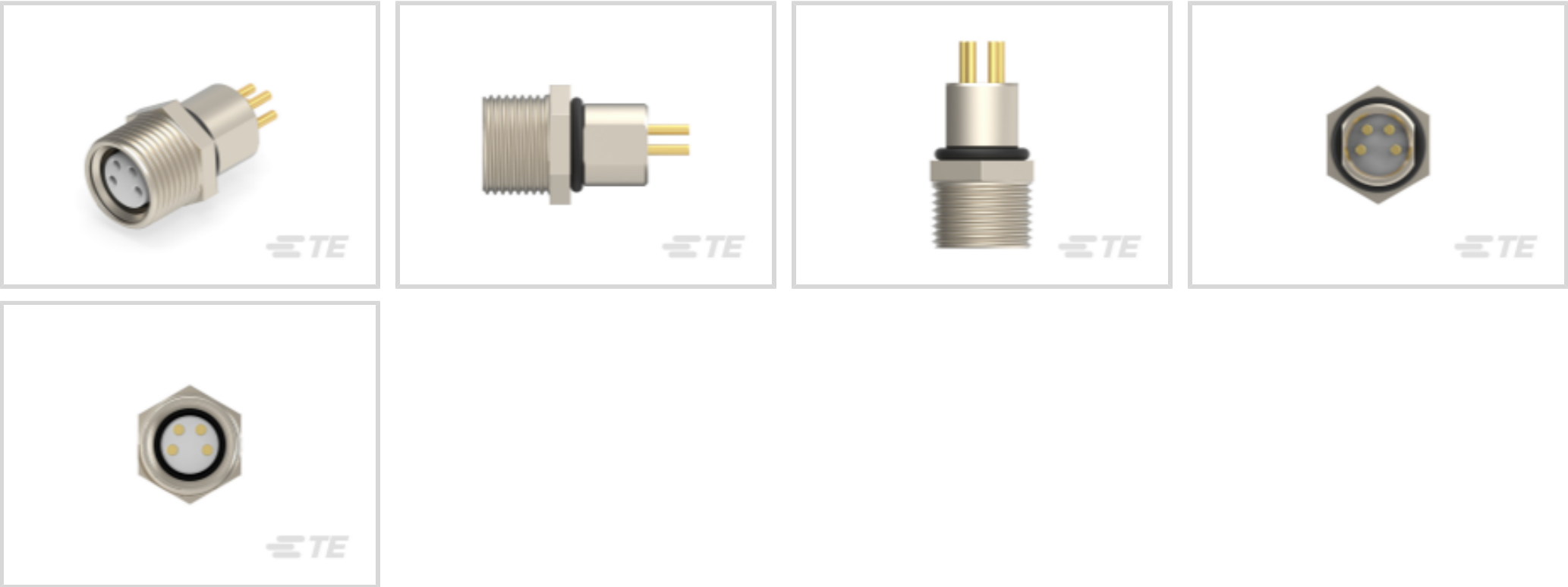
M8 Connector

TE Internal #: 1-2120959-1

Standard Circular Connectors, Cable-to-Cable, 4 Position, Sealable, Wire & Cable, Signal, Cable Mount (Free-Hanging), Reverse Gender, M8 Connector

[View on TE.com >](#)

Connectors > Circular Connectors > Standard Circular Connectors



Connector System: **Cable-to-Cable**
Connector Mounting Type: **Cable Mount (Free-Hanging)**
Number of Positions: **4**
Sealable: **Yes**
Connector & Contact Terminates To: **Wire & Cable**

Features

Product Type Features

Product Type	Connector Assembly
Accessory Color	Black
Assembly Requirement	Factory Assembled
Prewired	Yes
Assembly Type	Electrical Connector
Circular Connector Shell Type	Metal-Shell
Connector Product Type	Connector Assembly
Connector System	Cable-to-Cable
Sealable	Yes
Connector & Contact Terminates To	Wire & Cable
Circular Connector Type	Receptacle
Shell Type	Metal

Configuration Features

Number of Positions	4
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Number of Power Positions	0
Number of Signal Positions	4
Contacts Preloaded	Yes

Body Features

Shell Plating Material	Nickel
Shell Base Material	Zinc Alloy
Circular Connector Insulation Material Type	Polyamide
Hermetically Sealed	Yes

Contact Features

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

Mechanical Attachment

Connector Mounting Type	Cable Mount (Free-Hanging)
Polarization Code	A
Mating Alignment Type	Keyed

Housing Features

Circular Connector Shell Size	18
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Dimensions

Wire Size	.25 mm²
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Usage Conditions

Operating Temperature Range	-40 – 85 °C[-40 – 185 °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: JUNE 2024 (241)
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

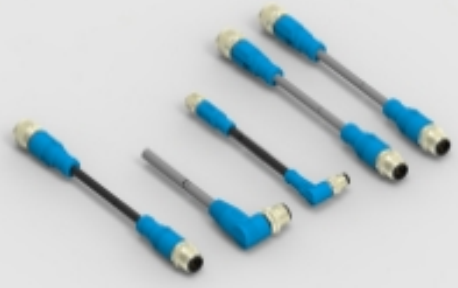
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 # T4011008041-000
M8,SCREW, MALE,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(106)
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Customers Also Bought



TE Part #1609133-3
6ESRM-3=F6920



TE Part #1375820-4
CST-100 II HOUSING 4 POS



TE Part #T4070014041-001
M8.MLE.PNLREAR.4POS.STR WIRE



TE Part #1-1827579-1
DYNAMIC 1500T REC HSG 3P X BLACK



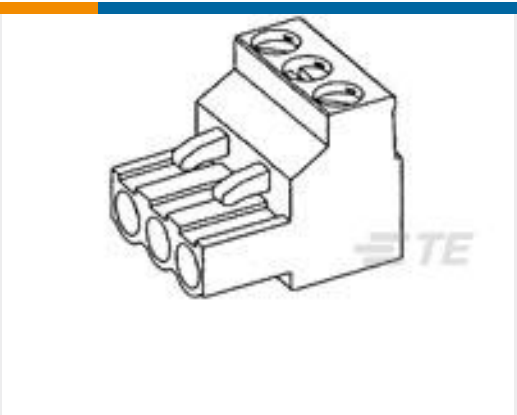
TE Part #2120959-1
M8 FEMALE SOCKET WITH WIRES, 0.25 SQMM



TE Part #3-1676913-0
YR1 0.1% 20K



TE Part #5054162014
RNF-100-3/8-1-STK



TE Part #796640-3
3 POS 5.0 MM R/A PLUG,TRM BLK



TE Part #946360-1
PINCE TUB 4/10

Documents

Product Drawings

M8 FEMALE SOCKET WITH WIRES, 0.25 SQMM

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-2120959-1_A1.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-2120959-1_A1.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-2120959-1_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