T4082102004-000 ✔ ACTIVE

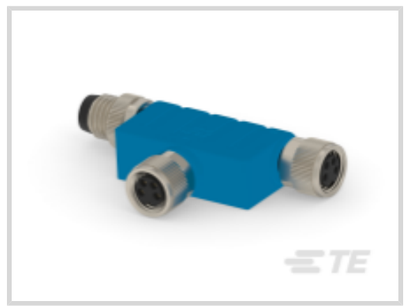
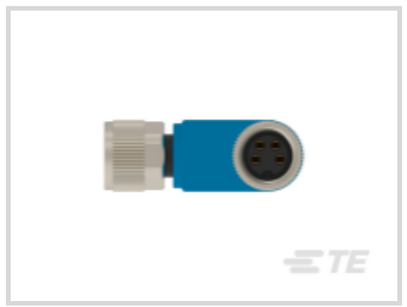
M8 Connector

TE Internal #: T4082102004-000

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
Assembly Type	Electrical Connector
Circular Connector Shell Type	All Plastic
Connector Product Type	Connector Assembly
Connector System	Cable-to-Cable
Sealable	Yes
Connector & Contact Terminates To	Wire & Cable
Circular Connector Type	Plug
Shell Type	Plastic

Configuration Features

Keying & Polarized Position Locations	A
Factory Installed Backshell	No

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

Electrical Characteristics

Operating Voltage	30 VAC

Body Features

Peripheral Seal Material	Silicone
Environmental Protection	IP67
O-Ring Material	Silicone
Environmental Protection Type	Sealed
Shell Plating Material	Unplated
Shell Base Material	Plastic
Circular Connector Insulation Material Type	Polyamide 66 GF25
Hermetically Sealed	Yes

Contact Features

Contact Current Rating (Max)	3 A
Reverse Gender	Yes
Circular Connector Contact Type	Pin

Mechanical Attachment

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

Usage Conditions

IP Dust Sealing Level	6
IP Water Sealing Level	IP67
Operating Temperature Range	-40 - 85 °C[-40 - 185 °F]

Operation/Application

Durability Rating	100 Cycles
Circuit Application	Signal
Shielded	No

Industry Standards

UL Flammability Rating	UL 94HB

Packaging Features

Packaging Quantity	1

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 2021 (211) SVHC > Threshold: Pb (4% in Pb-Alloy in Copper) **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 # T4051110004-001
M8 CABLE ST MALE 0.5M 4P PVC CABLE

Also in the Series | M8 Connector



Connector Caps & Covers(5)



Connector Hardware(4)



M8/M12 Cable Assemblies(147)

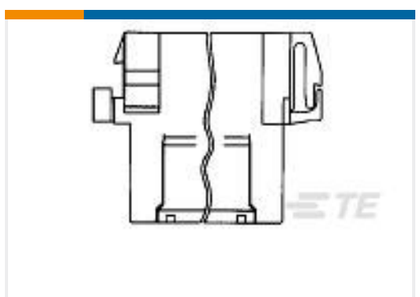


Standard Circular Connectors(106)

Customers Also Bought



TE Part # T4011008041-000
M8,SCREW, MALE,S,UNSHIELD,4P, GOLD



TE Part # 929505-2
FF FLA-STE-GEG2X3P



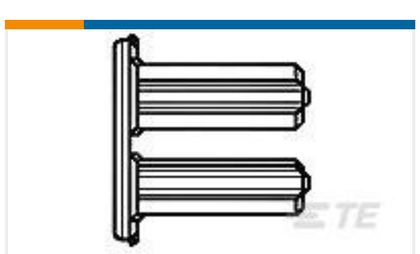
TE Part # T4062113004-005
RPC-M8-4MS-5.0SH-M8-4FS-PVC



TE Part # 180384-5
FF 250 REC 4-6MM2 TPPB LP



TE Part # 172343-1
MINI UNIVERSAL M-N-L HOUSING



TE Part # 968271-1
2. KONT-SICHERUNG 6P



TE Part # 927774-3
JPT REC 2.8 Contact SRC Sn



TE Part # T4061120003-005
M8 CABLE ST M 5M 3POS PUR CABLE



TE Part # 643313-1
06P UMNL STR/REL

Documents

Product Drawings

M8 T DISTRIBUTOR MALE 4POS

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_T4082102004-000_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_T4082102004-000_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_T4082102004-000_A.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditionsof use.

Datasheets & Catalog Pages

M8 / M12 Connector System Catalog

English

Product Specifications

Application Specification

English

Application Specification

English

Agency Approvals

UL

English