



M8 Connector

TE Internal #: T4011019041-000

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

[View on TE.com >](#)

Connectors > Circular Connectors > Standard Circular Connectors > M8 Field Installable



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

[All M8 Field Installable \(16\)](#)

Features

Product Type Features

Connector System	Cable-to-Cable
Sealable	Yes
Connector & Contact Terminates To	Wire & Cable
Circular Connector Type	Plug
Shell Type	Metal
Assembly Requirement	Factory Assembled
Circular Connector Shell Type	Metal-Shell
Connector Product Type	Connector Assembly
Assembly Type	Electrical Connector

Mechanical Attachment

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



Mating Retention Type	Threaded Coupling
Mating Alignment	With

Configuration Features

Number of Positions	4
Number of Power Positions	0
Number of Signal Positions	4
Contacts Preloaded	Yes
Factory Installed Backshell	With

Contact Features

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

Operation/Application

Circuit Application	Signal
Shielded	Yes
Durability Rating	100 Cycles

Body Features

Shell Plating Material	Nickel
Shell Base Material	Copper Alloy
Circular Connector Insulation Material Type	Polyamide 66 GF25
Hermetically Sealed	Yes
O-Ring Material	Silicone
Environmental Protection	IP67
Environmental Protection Type	Elastomer Sealed
Primary Product Color	Black
Peripheral Seal Material	Silicone

Dimensions

Wire Size	.25 – .14 mm²
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Housing Features

Circular Connector Shell Size	12
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Usage Conditions

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

Other

EU RoHS Compliance	Compliant with Exemptions
EU ELV Compliance	Compliant with Exemptions
Field Serviceable	Yes

Electrical Characteristics

Operating Voltage	30 VDC
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Industry Standards

UL Flammability Rating	UL 94HB
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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 applicable 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

Also in the Series | M8 Connector

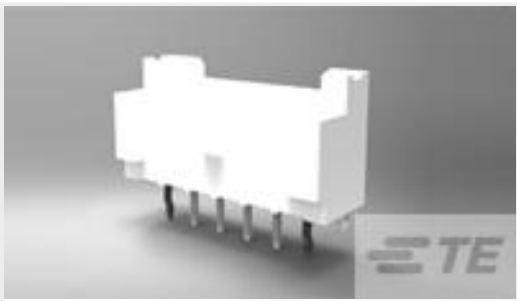
Customers Also Bought



TE Part #1-965423-1
TAB HOUSING2,8 10POS



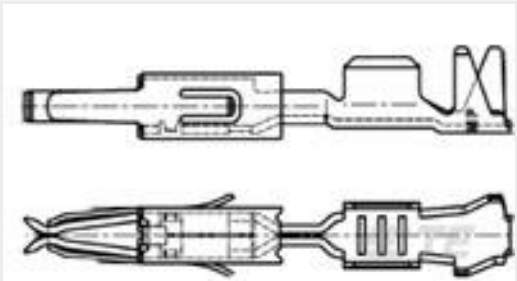
TE Part #T4041037041-000
M8.FMLE.PNLREAR.4POS.STR
PCBSHLD



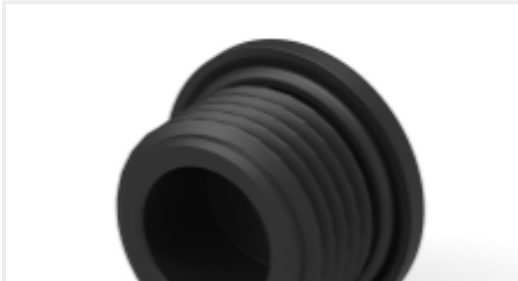
TE Part #2132415-2
EP2.5 Shrouded HDR ASSY 2P VERT w
/o boss



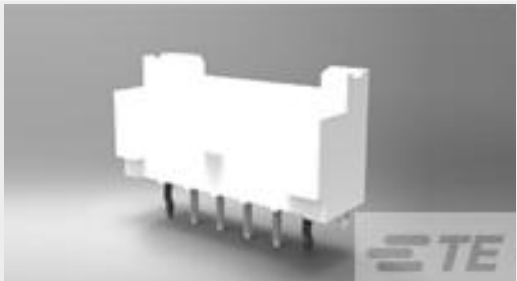
TE Part #1744417-8
8 POS EP 2.5 HSG, GLOW WIRE



TE Part #1241860-2
MT3 REC 1.6 Contact SRC Sn



TE Part #1SNG620012R0000
EP-ROP-M16-BL-B



TE Part #2132415-8
EP2.5 Shrouded HDR ASSY 8P VERT w
/o boss



TE Part #T4111411041-000
M12 M, 4P GOLD B_CODE S
SHIELDED PG7



TE Part #EGCS-250-C20003
EGCS-A2-250

Documents

Product Drawings

M8,SCREW, MALE,S,SHIELD,4P,GOLD

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_T4011019041-000_C.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_T4011019041-000_C.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_T4011019041-000_C.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

Product Specifications

Application Specification

English

Application Specification

English

Agency Approvals

UL

English