



TE Internal #: 2327989-1

Standard Circular Connectors, 8 Position, Sealable, Wire & Cable,
2A Contact Current Rating (Max), Power, Signal & High Speed
Data, Bulkhead, Nickel

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Connectors > Circular Connectors > Standard Circular Connectors



Number of Positions: 8

Sealable: **Yes**

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

Contact Current Rating (Max): **2 A**

Circuit Application: **Power, Signal & High Speed Data**

Features

Product Type Features

Product Type	Connector
Sealable	Yes
Connector & Contact Terminates To	Wire & Cable
Circular Connector Type	Plug
Shell Type	Full Metal Shell

Configuration Features

Keying	Insert Polarization X
Number of Positions	8
Number of Power Positions	0
Number of Signal Positions	8

Body Features

Shell Plating Material	Nickel
Shell Base Material	Zinc Alloy
Circular Connector Insulation Material Type	Polyphenylene Sulfide



Contact Features

Contact Current Rating (Max)	2 A
Reverse Gender	No
Circular Connector Contact Type	Pin

Termination Features

Termination Method to Wire & Cable	Insulation Displacement Crimp (IDC)
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Mechanical Attachment

Connector Mounting Type	Bulkhead
Polarization Code	X
Mating Alignment Type	Polarization

Housing Features

Circular Connector Shell Size	17
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Dimensions

Cable Diameter Range	6.5 – 8.5 mm
Wire Size	26 – 22 AWG

Usage Conditions

IP Water Sealing Level	7
IP Dust Sealing Level	6
Operating Temperature Range	-40 – 85 °C

Operation/Application

Circuit Application	Power, Signal & High Speed Data
Shielded	Yes

Industry Standards

UL Flammability Rating	UL 94V-0
Approved Standards	UL Recognized

Packaging Features

Packaging Quantity	1
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Product Compliance

For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Compliant
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EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUL 2021 (219) Candidate List Declared Against: JAN 2021 (211) SVHC > Threshold: Not Yet Reviewed
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
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 # 2232331-1
RPC-M12X-FF-8CON-M16-LBU



TE Part # 2271195-1
RPC-M12X-FF-8CON-M16-LAU

Customers Also Bought



TE Part #1-2823588-1
M12 D-90 DEGR-M-4,CAT 5 RADOX 7.3MM, H&S



TE Part #T4131012121-000
M12,REAR MOUNT,FEMALE,A,12P, SOLDER WIRE



TE Part #1558676-9
T9GS1L24-110



TE Part #102387-7
30 MODIV HSG COMP DR .100 POL





TE Part #102387-2
14 MODIV HSG COMP DR .100 POL



TE Part #1-794617-0
10POS,MICRO MNL,RCPT HSG



TE Part #1-5103308-2
A/L LOW PRO HDR 60P VERT BLACK



TE Part #1586026-4
4P SR RCPT VAL-U-LOK V2



TE Part #1586538-1
MINI UMNL SKT SN 16 AWG



TE Part #1-57131-7
AMP 1-57131-7 Rev. M

Documents

Product Drawings
M12 X-CODE CAT6A

English

M12 X-CODE CAT6A
English

CAD Files
3D PDF

3D

Customer View Model
ENG_CVM_CVM_2327989-1_A.2d_dxf.zip
English

Customer View Model
ENG_CVM_CVM_2327989-1_A.3d_igs.zip
English

Customer View Model
ENG_CVM_CVM_2327989-1_A.3d_stp.zip
English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages
M12 X-CODE FIELD INSTALLABLE CONNECTOR
English

Product Specifications
Product Specification
English



Product Environmental Compliance

Product Compliance

English

Product Compliance

English

Instruction Sheets

Instruction Sheet (U.S.)

English

Agency Approvals

UL Report

English