2350791-1 ✔ ACTIVE

M12 Rail Right Angle

TE Internal #: 2350791-1

Cable-to-Cable, 8 Position, Sealable, Wire & Cable, Signal, Reverse Gender, Plastic, M12 Rail Right Angle, Standard Circular Connectors

View on TE.com >

Connectors > Circular Connectors > Standard Circular Connectors > M12 Right Angle Crimped Strain Relief







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

Number of Positions: **8**

Sealable: **Yes**

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

Contact Current Rating (Max): **.5 A**

All M12 Right Angle Crimped Strain Relief (12)

Features

Product Type Features

Connector System	Cable-to-Cable
Sealable	Yes
Connector & Contact Terminates To	Wire & Cable
Circular Connector Type	Plug
Shell Type	Plastic
Assembly Requirement	Factory Assembled
Circular Connector Shell Type	All Plastic
Connector Product Type	Connector Assembly
Assembly Type	Electrical Connector
Prewired	No

Configuration Features

Number of Positions	8
Number of Power Positions	2

Number of Signal Positions	8
Contacts Preloaded	Yes
Keying & Polarized Position Locations	Normal
Factory Installed Backshell	With

Contact Features

Contact Current Rating (Max)	.5 A
Reverse Gender	Yes
Circular Connector Contact Type	Pin

Operation/Application

Circuit Application	Signal
Shielded	Yes
Durability Rating	250 Cycles

Body Features

Shell Base Material	Plastic
Circular Connector Insulation Material Type	Low Fire Hazard Thermoplastic
Hermetically Sealed	Yes
Product Weight	25 g[.8832 oz]
Environmental Protection	IP67
Environmental Protection Type	Sealed
Primary Product Color	Black

Mechanical Attachment

Polarization Code	X
Mating Alignment Type	Keyed
Mating Retention	With
Mating Retention Type	Threaded
Mating Alignment	With

Housing Features

Circular Connector Shell Size	16

Usage Conditions

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

Other

EU RoHS Compliance	Compliant with Exemptions
EU ELV Compliance	Compliant with Exemptions

Electrical Characteristics

Operating Voltage	50 VDC
EMI & RFI Protection & Suppression Type	Shielding

Signal Characteristics

Data Rate	10 Gb/s

Termination Features

Termination Method to Wire & Cable	Crimp

Industry Standards

Compatible With Approved Standards Products	IEC

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: JUNE 2024 (241) Candidate List Declared Against: JAN 2024 (240) SVHC > Threshold: Pb (3.5% 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



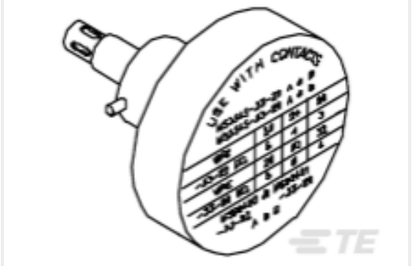
TE Part # 1-2823557-1
CRIMP TOOL FOR CRIMP FLANGE /SLEEVE



TE Part # 1-2823560-1
ASSEMBLY TOOL HANDLE FOR CRIMP FLANGE



TE Part # 1-2823561-1
UNIVERSAL INSERT (ALL M12 CODES)



TE Part # CAT-M1-M1
M12 Assembly Tooling



TE Part # CAT-R131-IN722
Crimp Insert for Use with 1-2823557-1



TE Part # 601966-1
CRIMPING TOOL M22520/2-01



TE Part # CAT-ET36-M3113
12p man POE switch 1Gb



TE Part # CAT-ET36-M3113A
12p man POE switch rack



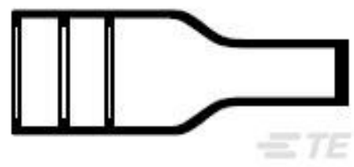
TE Part # CAT-ET36-M3113B
20p man POE switch 1Gb

Also in the Series | M12 Rail Right Angle

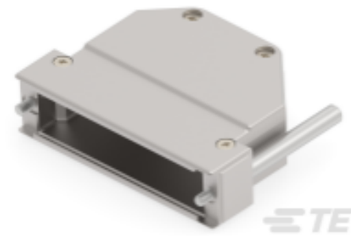


Standard Circular Connectors(15)

Customers Also Bought



TE Part #814406-000
202D121-4-0



TE Part #1-2308345-5
FULL METAL HOODS SIZE 4 - 5 (RAW)



TE Part #1-2315714-1
M12 X-CODE M-8 CON RADOX 8.1 MM, H&S



TE Part #1-2823587-4
M12 A-90 DEGREE-F-8, CAT 7 8.4MM, TE



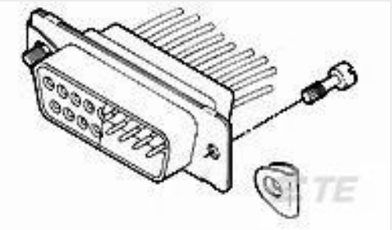
TE Part #2000713-3
RA Keyed Guide Mod, Vita 46, Machined



TE Part #2102352-1
CeeLok FAS-T, Receptacle Kit, Ni



TE Part #12331-20
CONT PIN



TE Part #5207871-1
SCREW RETAINER KIT

Documents

Product Drawings

M12 X-M-8,90,CRIMP,CAT7,H&S 84124806

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2350791-1_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2350791-1_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2350791-1_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-CODED RIGHT ANGLE

English