1-2823446-5 V ACTIVE

TE Internal #: 1-2823446-5

Standard Circular Connectors, Cable-to-Cable, 4 Position, Sealable,

Wire & Cable, 4A Contact Current Rating (Max), Signal, Cable

Mount (Free-Hanging)

View on TE.com >



Connectors > Circular Connectors > Standard Circular Connectors > M12 STRAIGHT CRIMPED STRAIN RELIEF







Connector System: Cable-to-Cable

Number of Positions: 4

Sealable: Yes

Connector & Contact Terminates To: Wire & Cable

Contact Current Rating (Max): 4A

All M12 STRAIGHT CRIMPED STRAIN RELIEF (53)

Features

Product Type Features

Product Type Features	
Product Type	Connector Kit
Connector System	Cable-to-Cable
Sealable	Yes
Connector & Contact Terminates To	Wire & Cable
Circular Connector Type	Receptacle
Shell Type	Full Metal Shell
Configuration Features	
Number of Positions	4
Contacts Preloaded	No
Electrical Characteristics	
Operating Voltage	50 VDC
Body Features	
Environmental Protection	Yes
Weight	25 g[.0552 lb]
Environmental Protection Type	Elastomer Sealed

Nickel

Shell Plating Material



Shell Base Material	Brass
Circular Connector Insulation Material Type	Low Fire Hazard Thermoplastic Yes
Hermetically Sealed	res
Contact Features	
Contact Current Rating (Max)	4 A
Circular Connector Contact Type	Socket
Mechanical Attachment	
Connector Mounting Type	Cable Mount (Free-Hanging)
Polarization Code	D
Mating Alignment Type	Keyed
Mating Retention	With
Dimensions	
Accepts Wire Insulation Diameter Range	7.3 mm
Wire Size	22 AWG
Usage Conditions	
IP Dust Sealing Level	6
IP Water Sealing Level	7
Operating Temperature Range	-40 – 70 °C, -40 – 85 °C[-40 – 158 °F][-40 – 185 °F][-40 – 185 °F]
Operation/Application	
Durability Rating	250 Cycles
Circuit Application	Signal
Shielded	Yes
Industry Standards	
UL Flammability Rating	UL 94V-0
Packaging Features	
Packaging Quantity	1
Other	
Field Serviceable	Yes

Product Compliance

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



EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Not Yet Reviewed
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: JAN 2021 (211) Candidate List Declared Against: JUN 2018 (191) SVHC > Threshold: Not Yet Reviewed
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 Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles' (Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

Compatible Parts



















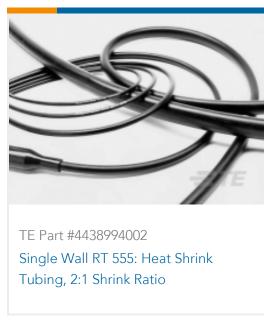
Customers Also Bought

















Documents

Product Drawings

M12 D-F-4 CRIMP ST CAT 5 RADOX 7.3MM,H&S

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-2823446-5_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-2823446-5_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-2823446-5_A.3d_stp.zip

English

By downloading the CAD file I accept and agree to the **Terms and Conditions** of use

Standard Circular Connectors, Cable-to-Cable, 4 Position, Sealable, Wire & Cable, 4A Contact Current Rating (Max), Signal, Cable Mount (Free-Hanging)



Datasheets & Catalog Pages

M12 RAIL CONNECTOR SERIES

English

M12 Rail Straight Connector

English