1-2823447-2 <

TE Internal #: 1-2823447-2 Standard Circular Connectors, Cable-to-Cable, 8 Position, Sealable, Wire & Cable, Signal, Cable Mount (Free-Hanging), Nickel, Brass View on TE.com >



Connectors > Circular Connectors > Standard Circular Connectors > M12 Straight Crimped Strain Relief



Connector System: Cable-to-Cable

Number of Positions: 8

Sealable: Yes

Connector & Contact Terminates To: Wire & Cable

Contact Current Rating (Max): 2A

All M12 Straight Crimped Strain Relief (53)

Features

Product Type Features

Product Type	Connector Kit				
Connector System	Cable-to-Cable				
Sealable	Yes				
Connector & Contact Terminates To	Wire & Cable				
Circular Connector Type	Plug				
Shell Type	Full Metal Shell				
Configuration Features					
Number of Positions	8				
Contacts Preloaded	No				
Electrical Characteristics					
Operating Voltage	30 VDC				
Signal Characteristics					
Data Rate	1 Gb/s				

Standard Circular Connectors, Cable-to-Cable, 8 Position, Sealable, Wire & Cable, Signal, Cable Mount (Free-Hanging), Nickel, Brass



Body Features

Environmental Protection Type	Elastomer Sealed				
Environmental Protection	Yes				
Weight	25 g[.0552 lb]				
Shell Plating Material	Nickel				
Shell Base Material	Brass				
Circular Connector Insulation Material Type	Low Fire Hazard Thermoplastic				
Hermetically Sealed	Yes				
Contact Features					
Contact Current Rating (Max)	2 A				
Circular Connector Contact Type	Pin				
Mechanical Attachment					
Connector Mounting Type	Cable Mount (Free-Hanging)				
Polarization Code	A				
Mating Alignment Type	Keyed				
Mating Retention	With				

Dimensions

8.8 mm
24 AWG
IP67
6
-40 – 70 °C, -40 – 85 °C[-40 – 158 °F][-40 – 185 °F]
250 Cycles
Signal
Yes
UL 94V-0
1

Standard Circular Connectors, Cable-to-Cable, 8 Position, Sealable, Wire & Cable, Signal, Cable Mount (Free-Hanging), Nickel, Brass



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: JUNE 2023 (235) 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					

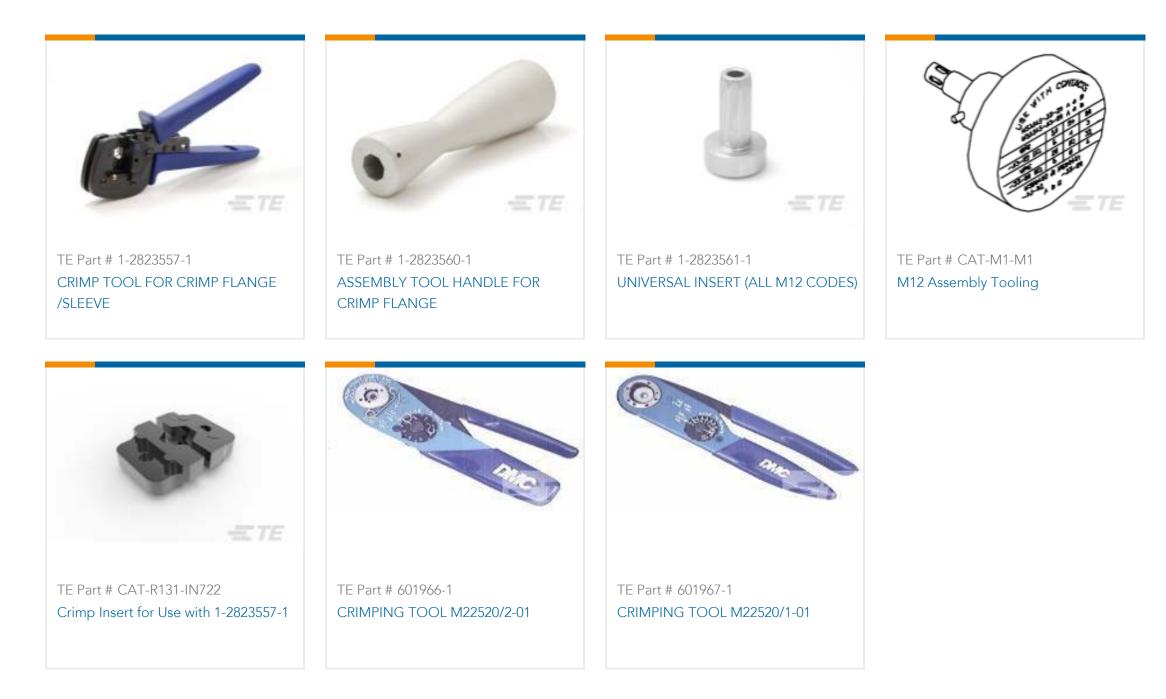
Product Compliance Disclaimer

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.

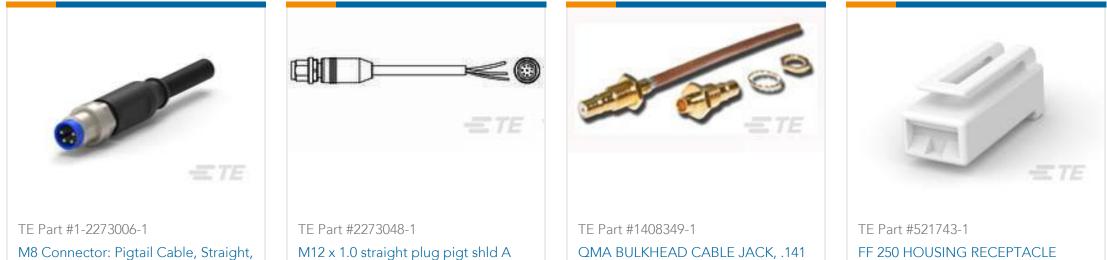
Compatible Parts

Standard Circular Connectors, Cable-to-Cable, 8 Position, Sealable, Wire & Cable, Signal, Cable Mount (Free-Hanging), Nickel, Brass





Customers Also Bought



TE Part #1-2273006-1 M8 Connector: Pigtail Cable, Straight, Male	TE Part #2273048-1 M12 x 1.0 straight plug pigt shld A	TE Part #1408349-1 OMA BULKHEAD CABLE JACK, .141	TE Part #521743- FF 250 HOUSING NYLON 6/6
	CELER CIDES CIDES		
TE Part #NB20364001 VERSAFIT-3/16-4-SP	TE Part #9-328666-1 FERRULE, LEAD FREE PLATING		

Documents

Product Drawings M12 A-M-8,CAT7 BETATRANS C-FLE8.8MM,LEON

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-2823447-2_A.2d_dxf.zip

Standard Circular Connectors, Cable-to-Cable, 8 Position, Sealable, Wire & Cable, Signal, Cable Mount (Free-Hanging), Nickel, Brass



English

Customer View Model ENG_CVM_CVM_1-2823447-2_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-2823447-2_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 RAIL CONNECTOR SERIES

English

M12 Rail Straight Connector

English

Product Specifications Product Specification

English