



Connectors > Circular Connectors > Standard Circular Connectors

Connector System: **Wire-to-Wire**Number of Positions: **6**Sealable: **No**Connector & Contact Terminates To: **Wire & Cable**Contact Current Rating (Max): **20 A**

Features

Product Type Features

Product Type	Housing
Prewired	No
Connector Product Type	Housing
Connector System	Wire-to-Wire
Sealable	No
Connector & Contact Terminates To	Wire & Cable
Circular Connector Type	Receptacle
Shell Type	Plastic

Configuration Features

Keying	C
Number of Positions	6
Number of Power Positions	6
Contacts Preloaded	No

Electrical Characteristics

Operating Voltage	400 VAC
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Body Features

Weight	10.1 g[.022 lb]
Shell Base Material	PA



Circular Connector Insulation Material Type	PA
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Hermetically Sealed	No
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Contact Features

Contact Current Rating (Max)	20 A
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Reverse Gender	No
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Circular Connector Contact Type	Socket
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Termination Features

Termination Method to Wire & Cable	Crimp
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Mechanical Attachment

Mating Alignment	With
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Connector Mounting Type	Cable Mount (Free-Hanging)
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Polarization Code	C
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Mating Alignment Type	Keyed
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Mating Retention	Without
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Housing Features

Alignment Keyed	Clocking
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Dimensions

Wire Size	1.5 – 2.5 mm ²
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Usage Conditions

Operating Temperature Range	-40 – 85 °C[-40 – 185 °F][-40 – 185 °F]
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Operation/Application

Circuit Application	Power & Signal
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Shielded	No
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Industry Standards

Approved Standards	UL
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Packaging Features

Packaging Quantity	125
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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	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

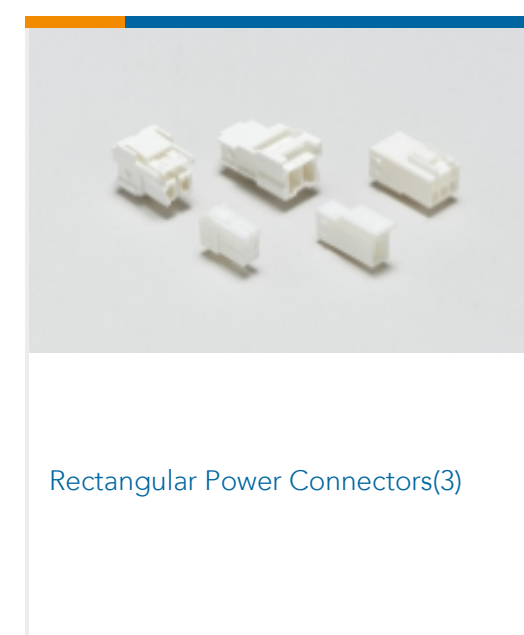
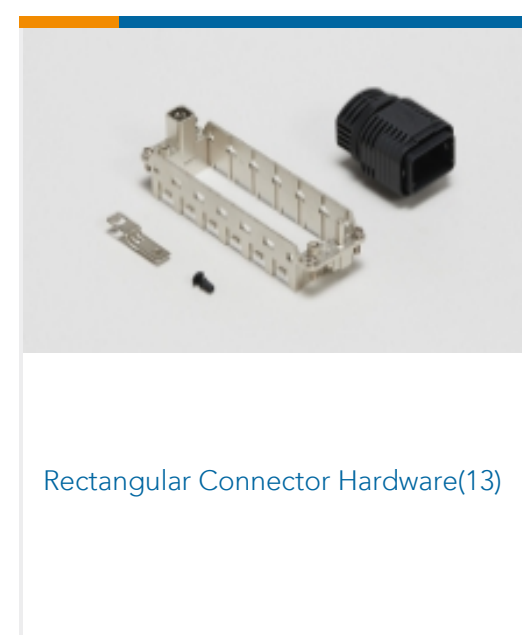
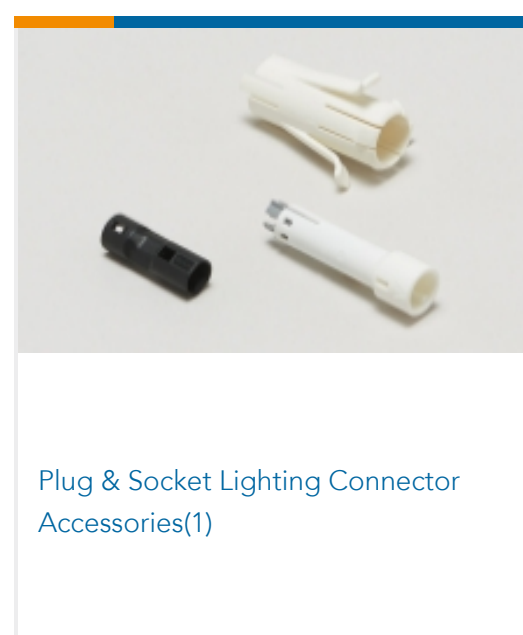
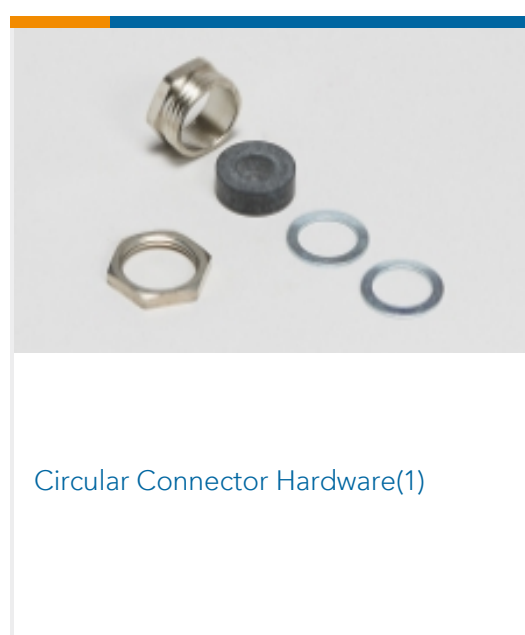
Product Compliance Disclaimer

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 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 | NECTOR M Series





Standard Circular Connectors(127)

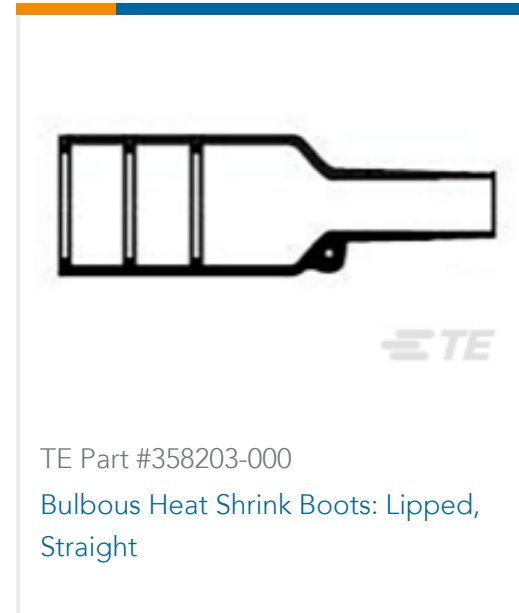
Customers Also Bought



TE Part #661269-000
TXR21AB00-1605AI



TE Part #1617807-5
FC-335-SY8= RELAY, 3PST



TE Part #358203-000
Bulbous Heat Shrink Boots: Lipped, Straight



TE Part #2-1614894-3
CPF 0805 301K 0.1% 25PPM 1K RL



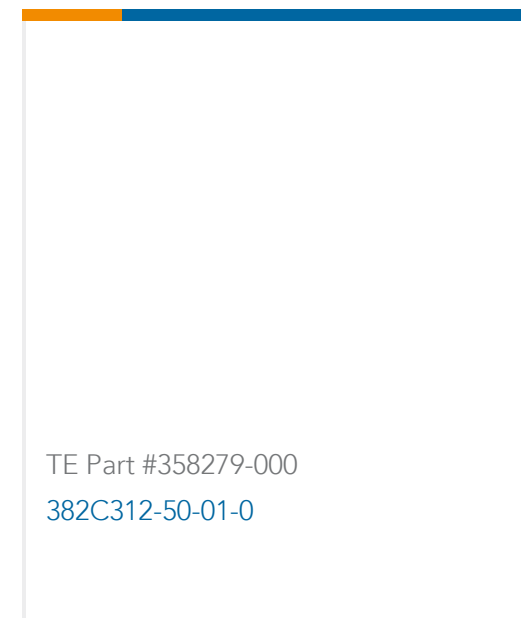
TE Part #642427-000
Heat Shrink Boots: Poly Mold, Lipped



TE Part #1617147-5
JMGAP-26P = M39016/17-030P



TE Part #1617164-7
JMACT-5XL = M28776/1-025L



TE Part #358279-000
382C312-50-01-0



TE Part #ZPF000000000007174
983-ORS 08-98 PN



TE Part #1617119-5
J1MAW-18XP = M39016/7-021P

Documents

Product Drawings

NECTOR M SKT HSG FREE HANGING CODE C

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_293656-3_A_c-293656-3-a.2d_dxf.zip



English

Customer View Model

[ENG_CVM_CVM_293656-3_A_c-293656-3-a.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_293656-3_A_c-293656-3-a.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages

[5-1773465-6_NECTOR_M](#)

English

Product Specifications

[Application Specification](#)

English

[Application Specification](#)

English

Agency Approvals

[Agency Approval Document](#)

English