

NECTOR

TE Internal #: 2213393-1

Standard Circular Connectors, Wire-to-Wire, 6 Position, Wire & Cable, 20A Contact Current Rating (Max), Power & Signal, Panel Mount, PBT

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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	Plug
Shell Type	Plastic

Configuration Features

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

Electrical Characteristics

Operating Voltage	400 VAC
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Body Features

Shell Base Material	PBT
Circular Connector Insulation Material Type	PBT GF



Hermetically Sealed	No
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Contact Features

Contact Current Rating (Max)	20 A
Reverse Gender	No
Circular Connector Contact Type	Pin

Termination Features

Termination Method to Wire & Cable	Crimp
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Mechanical Attachment

Connector Mounting Type	Panel Mount
Polarization Code	A
Mating Alignment Type	Keyed
Mating Retention	Without

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
Shielded	No

Packaging Features

Packaging Quantity	500
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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	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: JAN 2021 (211) Candidate List Declared Against: JUN 2020 (209)



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

TE Part # 2213394-1
NECTOR M PIN HOUSING, PANEL, 5P, CODE A

Customers Also Bought

TE Part #1-66255-1
MALE CONTACT ASSY. (STRIP)

TE Part #1-2176315-7
MELF SMA_A 2K2 0.1% 15PPM 0204 0.4W

TE Part #2-2176315-0
MELF SMA_A 3K9 0.1% 15PPM 0204 0.4W

TE Part #TAD14741311-002
Ethernet, Sercos-III M12-D 4p PVC Red DE





TE Part #2213223-1
NECTOR M PANEL MOUNT SEAL



TE Part #2213229-1
NECTOR M RING NUT, 5/6/7P, 11-14MM



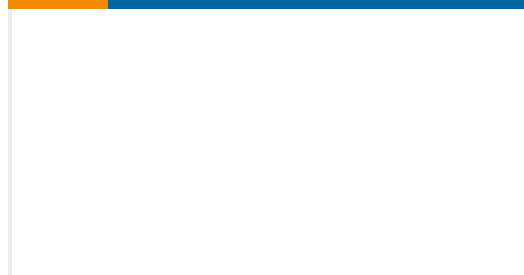
TE Part #2213226-3
NECTOR M POSITIONER HOUSING



TE Part #2213229-2
NECTOR M RING NUT, 5/6/7P, 14-17MM



TE Part #1-2213266-2
NECTOR M PIN, CRIMP, 16-18 AWG



TE Part #1-2213265-2
NECTOR M SKT, CRIMP, 16-18 AWG

Documents

Product Drawings

NECTOR M PIN HOUSING, PANEL, 6P, CODE A

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2213393-1_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2213393-1_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2213393-1_A.3d_stp.zip

English

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

Datasheets & Catalog Pages

5-1773465-6_NECTOR_M

English

Product Specifications

Application Specification

English

Agency Approvals

UL Report



English