



TE Internal #: 1838420-3
Standard Circular Connectors, Wire-to-Board / Wire-to-Panel, 5
Position, Sealable, 4A Contact Current Rating (Max), Signal, Panel
Mount
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Connectors > Circular Connectors > Standard Circular Connectors



Connector System: **Wire-to-Board, Wire-to-Panel**
Number of Positions: **5**
Sealable: **Yes**
Contact Current Rating (Max): **4 A**
Circuit Application: **Signal**

Features

Product Type Features

Product Type	Connector
Connector System	Wire-to-Board, Wire-to-Panel
Sealable	Yes
Circular Connector Type	Plug
Shell Type	Metal

Configuration Features

Number of Positions	5
Number of Power Positions	0
Number of Signal Positions	5
Contacts Preloaded	Yes

Body Features

Environmental Protection Type	Sealed
Environmental Protection	With
Shell Plating Material	Nickel
Shell Base Material	Brass
Circular Connector Insulation Material Type	Polyamide

Contact Features

Contact Current Rating (Max)	4 A
Reverse Gender	Yes



Contact Layout Arrangement	Circular
Circular Connector Contact Type	Pin

Mechanical Attachment

Mating Alignment	With
Panel Mount Feature	With
Panel Mount Feature Type	Flanged
Connector Mounting Type	Panel Mount
Polarization Code	A
Mating Alignment Type	Keyed
Mating Retention	With

Dimensions

Assembly Length	26 mm
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Usage Conditions

Operating Temperature Range	-25 – 90 °C[-13 – 194 °F]
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Operation/Application

Circuit Application	Signal
Shielded	No

Packaging Features

Packaging Quantity	50
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Other

Field Serviceable	No
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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
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2021 (211) Candidate List Declared Against: JAN 2021 (211) SVHC > Threshold: Pb (2.95% 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	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Hand solderable with lead free solder

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 # CAT-C73765-M1E
M12 Field Installable Unshielded

Customers Also Bought

 TE Part #1838417-3 M12 Mtl FEMALE PNL CONN. PCB F	 TE Part #1-1761185-2 6 SDL SE GRND RCPT ASSY	 TE Part #1534238-1 LEAVYSEAL HEADERS	 TE Part #D31439-000 WP WHITE POLYESTER LABELS
 TE Part #1-1623782-6 Wirewound Resistor: Vertical Mount	 TE Part #185636-1 PROTECT CAP 2.5MM PLUG	 TE Part #1838420-1 M12 Mtl MALE PNL CONN. PCB, Fr	 TE Part #1838417-4 M12 Mtl FEMALE PNL CONN. PCB Front (Hex)



Documents

Product Drawings

M12 Mtl MALE PNL CONN. PCB, Fr

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1838420-3_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1838420-3_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1838420-3_A.3d_stp.zip

English

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

Datasheets & Catalog Pages

M8 / M12 Connector System Catalog

English

Product Specifications

Product Specification

English