1838417-4 ✔ ACTIVE

TE Internal #: 1838417-4

Standard Circular Connectors, Wire-to-Board / Wire-to-Panel, 8 Position, Sealable, Signal, Panel Mount, Reverse Gender, Nickel, Brass

View on TE.com >

Connectors > Circular Connectors > Standard Circular Connectors

Connector System: **Wire-to-Board, Wire-to-Panel**

Number of Positions: **8**

Sealable: **Yes**

Contact Current Rating (Max): **2 A**

Circuit Application: **Signal**

Features

Product Type Features

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

Configuration Features

Number of Positions	8
Number of Power Positions	0
Number of Signal Positions	8
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)	2 A
Reverse Gender	Yes
Contact Layout Arrangement	Circular
Circular Connector Contact Type	Socket

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

	1.023 in

Usage Conditions

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

Operation/Application

Circuit Application	Signal
Shielded	No

Packaging Features

Packaging Quantity	50

Other

Field Serviceable	No

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 with Exemptions
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold

EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2022 (224) Candidate List Declared Against: JAN 2022 (223) SVHC > Threshold: Pb (3.46% in Component) 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	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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 # T4111002081-000
M12,MALE,STRAIGHT,A CODE,8P, PG9,GOLD

Documents

Product Drawings

M12 Mtl FEMALE PNL CONN. PCB Front (Hex)

English

CAD Files

Customer View Model

ENG_CVM_CVM_1838417-4_A.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1838417-4_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1838417-4_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