

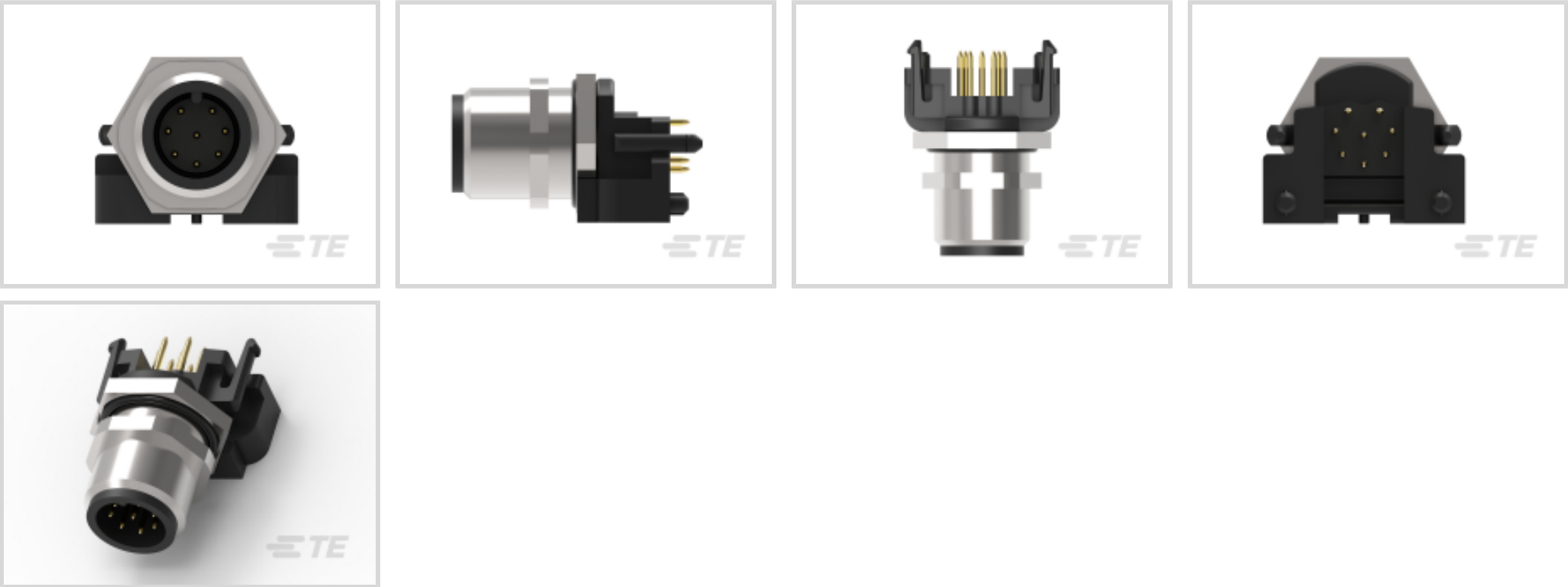


TE Internal #: 5-2172070-2

Standard Circular Connectors, Wire-to-Board, 8 Position, Sealable, Printed Circuit Board, 4A Contact Current Rating (Max), Signal, Reverse Gender

[View on TE.com >](#)

Connectors > Circular Connectors > Standard Circular Connectors



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

Number of Positions: **8**

Sealable: **Yes**

Connector & Contact Terminates To: **Printed Circuit Board**

Contact Current Rating (Max): **4 A**

Features

Product Type Features

Product Type	Connector
Connector System	Wire-to-Board
Sealable	Yes
Connector & Contact Terminates To	Printed Circuit Board
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

Shell Plating Material	Nickel
Shell Base Material	Brass



Circular Connector Insulation Material Type	Polyamide
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Contact Features

Contact Current Rating (Max)	4 A
Reverse Gender	Yes
Contact Layout Arrangement	Circular
Circular Connector Contact Type	Pin

Mechanical Attachment

Polarization Code	A
Mating Alignment Type	Keyed
Mating Retention	With

Usage Conditions

IP Water Sealing Level	8
IP Dust Sealing Level	6
Operating Temperature Range	-40 – 80 °C[-40 – 176 °F]

Operation/Application

Circuit Application	Signal
Shielded	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
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 2020 (205) SVHC > Threshold: Pb (3% 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	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

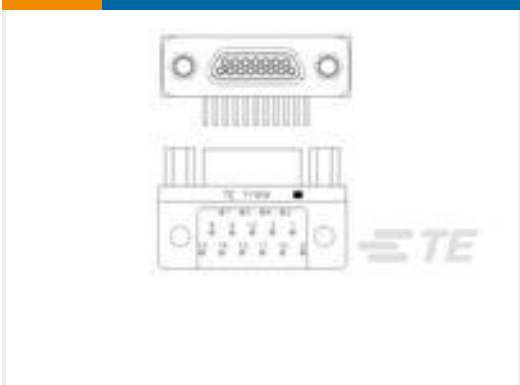
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 # CAT-C73765-M1E
M12 Field Installable Unshielded

Customers Also Bought

 TE Part #2273076-1 M12 A-CODE MALE R/A PIGTAIL	 TE Part #5-2172071-2 M12.FMLE.PNLREAR.ACODE.8P. PCBSTAND.STRT	 TE Part #3-2172070-2 M12.MALE.PNLREAR.ACODE.4P. PCBSTAND.STRT	 TE Part #5-2172075-2 M12.MALE.PNLREAR.ACODE.8P. PCBSTD.RA.SHLD
 TE Part #1532251-4 M83513/10-B01NP = MCKS-N1-P-15PRT1	 TE Part #YACT24JG41SAV00100 JAM NUT RECEPTACLE	 TE Part #2-1623771-7 C3A 2R2 5% AMMO PK	 TE Part #3-1623772-5 C7 2R7 5% AMMO PK



Documents

Product Drawings

M12.MALE.PNLREAR.ACODE.8P.PCBSTAND.STRT

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_5-2172070-2_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_5-2172070-2_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_5-2172070-2_A.3d_stp.zip

English

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

Datasheets & Catalog Pages

M8 / M12 Connector System Catalog

English

Product Specifications

Application Specification

English