



TE Internal #: 6-2271137-2

Standard Circular Connectors, Wire-to-Wire, 12 Position, Sealable, Wire & Cable, Signal, Panel Mount, Reverse Gender, Nickel, Zinc Alloy

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Connectors > Circular Connectors > Standard Circular Connectors



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

Number of Positions: **12**

Sealable: **Yes**

Connector & Contact Terminates To: **Wire & Cable**

Contact Current Rating (Max): **1.5 A**

Features

Product Type Features

Product Type	Connector Assembly
Connector System	Wire-to-Wire
Sealable	Yes
Connector & Contact Terminates To	Wire & Cable
Circular Connector Type	Receptacle
Shell Type	Metal

Configuration Features

Number of Positions	12
Number of Power Positions	0
Number of Signal Positions	12
Contacts Preloaded	Yes

Body Features

Shell Plating Material	Nickel
Shell Base Material	Zinc Alloy



Circular Connector Insulation Material Type	Polyamide 66 GF25
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Contact Features

Contact Current Rating (Max)	1.5 A
Reverse Gender	Yes
Contact Layout Arrangement	Circular
Circular Connector Contact Type	Socket

Mechanical Attachment

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

Housing Features

Circular Connector Shell Size	12
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Dimensions

Wire Size	.14 mm²
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Usage Conditions

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: JUNE 2023 (235) Candidate List Declared Against: JUNE 2023 (235) SVHC > Threshold: Pb (4% 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 # 6-2271110-2
M12, MALE, A CODE, 12P, PG9 (AU)


Customers Also Bought




TE Part #1658654-1
KIT,HDP-20,ENCLSUR,RCPT,SIZE 1




TE Part #1658655-1
KIT,HDP-20,ENCLSUR,PLUG,SIZE 1




TE Part #3-747579-2
SHLDNG FERRULE, PLTD, BULK PKG




TE Part #3-747579-0
SHLDNG FERRULE, PLTD, BULK PKG




TE Part #803651-000
55PC0111-22-9



TE Part #1447360-8
SHIELD FINGER 1312 A TYPE



TE Part #38941-22L
CONTACTS



TE Part #927774-3
JPT REC 2.8 Contact SRC Sn



Documents

Product Drawings

M12,FMALE PNL,A CODE,SOLDER REAR,12P(AU)

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_6-2271137-2_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_6-2271137-2_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_6-2271137-2_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

M8 / M12 Connector System Catalog

Japanese

Product Specifications

Product Specification

English