



TE Internal #: 2120947-1

Standard Circular Connectors, Cable-to-Cable, 4 Position, Sealable, Wire & Cable, 12A Contact Current Rating (Max), Signal, PA, 4 Signal Position

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Connectors > Circular Connectors > Standard Circular Connectors



Connector System: **Cable-to-Cable**

Number of Positions: **4**

Sealable: **Yes**

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

Contact Current Rating (Max): **12 A**

Features

Product Type Features

Product Type	Connector
Connector System	Cable-to-Cable
Sealable	Yes
Connector & Contact Terminates To	Wire & Cable
Circular Connector Type	Plug

Configuration Features

Number of Positions	4
Number of Signal Positions	4
Contacts Preloaded	Yes

Electrical Characteristics

Operating Voltage	60 VAC
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Body Features

Circular Connector Insulation Material Type	PA
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Contact Features

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Contact Current Rating (Max)	12 A
Reverse Gender	No
Circular Connector Contact Type	Pin

Mechanical Attachment

Mating Alignment Type	Keyed
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Housing Features

Circular Connector Shell Size	20
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Dimensions

Wire Size	.3 – 1.5 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	Signal
Shielded	No

Packaging Features

Packaging Quantity	1
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Product Compliance

For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Not Compliant
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: JAN 2021 (211) Candidate List Declared Against: JAN 2021 (211) 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 # 2120946-1
M12 DC POWER SOCKET
CONNECTOR, T-CODED

Customers Also Bought

TE Part #2327679-2
RECEPTACLE ASSY, 56 POS, VERT,
GEN Z

TE Part #YS-UC-212398A-0000
CONTACT KIT FOR PLUG

TE Part #480416-1
FASTON 250 REC HSG NAT

TE Part #282465-1
AMP SUPERSEAL 1.5MM,
RECEPTACLE AND TAB

TE Part #1703014-1
ROUND CONNECTOR SYSTEM, PIN
AND SOCKET

TE Part #2273043-1
M12 A-CODE FEMALE STRAIGHT
PIGTAIL

TE Part #2273094-3
M12 A-CODE MALE R/A PIGTAIL

TE Part #1056740-1
HOUSING, SHROUD, FULL DETENT,
SMP, PASS



Documents

Product Drawings

M12 DC Power Plug Connector, T-Coded

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2120947-1_A1.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2120947-1_A1.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2120947-1_A1.3d_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

1-1773730-5_M8M12_SYSTEM_FLYER

English

Product Specifications

Product Specification

English