



Connectors > Circular Connectors > Standard Circular Connectors



Number of Positions: 7

Shell Plating Material: **Sulfur Nickel Over Nickel**

Shell Base Material: **Brass**

Circular Connector Insulation Material Type: **LCP (Liquid Crystal Polymer)**

Circular Connector Shell Size: **M11**

Features

Product Type Features

Product Type	Connector
Circular Connector Type	Plug
Shell Type	Metal

Configuration Features

Keying	N
Number of Positions	7
Contacts Preloaded	Yes

Body Features

Environmental Protection Type	Sealed
Environmental Protection	With
Shell Plating Material	Sulfur Nickel Over Nickel
Shell Base Material	Brass
Circular Connector Insulation Material Type	LCP (Liquid Crystal Polymer)

Contact Features

Contact Layout Arrangement	Circular
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Mechanical Attachment

Mating Retention Type	Threaded Coupling
Mating Alignment	With



Mating Alignment Type	Keyed
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Mating Retention	With
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Housing Features

Circular Connector Shell Size	M11
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Alignment Keyed	145°
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Usage Conditions

Operating Temperature Range	-50 – 150 °C
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Packaging Features

Packaging Quantity	20
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Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Not Compliant
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EU ELV Directive 2000/53/EC	Compliant with Exemptions
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China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	<p>Current ECHA Candidate List: JUNE 2022 (224)</p> <p>Candidate List Declared Against: JAN 2022 (223)</p> <p>SVHC > Threshold:</p> <p>Pb (4% in Component Part)</p> <p>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.</p>
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Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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Solder Process Capability	Hand solderable with tin/lead solder
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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>



Documents

Product Drawings

Push-Pull 7P Plug PS S-Cup Cont KIT/N

Japanese

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_2174219-1_C.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2174219-1_C.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2174219-1_C.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages

Metal-Shell Micro Circular Connectors

English

Product Specifications

Application Specification

Japanese