



AMP

TE Internal #: 2101550-2

Standard Circular Connectors, 7 Position, Copper Alloy, PEEK, .15 mm² Wire Size, Size 2, Polarization Mating Alignment Type, Mating Retention, Plug

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Connectors > Circular Connectors > Standard Circular Connectors



Number of Positions: 7

Shell Base Material: **Copper Alloy**

Circular Connector Insulation Material Type: **PEEK**

Wire Size: **.15 mm²**

Circular Connector Shell Size: **2**

Features

Product Type Features

Product Type	Connector
Circular Connector Type	Plug

Configuration Features

Keying	Double Key
Number of Positions	7

Electrical Characteristics

Operating Voltage	875 VAC
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Body Features

Shell Base Material	Copper Alloy
Circular Connector Insulation Material Type	PEEK

Contact Features

Contact Layout Arrangement	Circular
Circular Connector Contact Type	Pin

Mechanical Attachment

Mating Retention Type	Push-Pull Self-Locking
Mating Alignment Type	Polarization
Mating Retention	With



Housing Features

Circular Connector Shell Size	2
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Dimensions

Panel Thickness	3 mm [.118 in]
Wire Size	.15 mm ²

Usage Conditions

Operating Temperature Range	-55 – 125 °C
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Packaging Features

Packaging Quantity	40
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Product Compliance

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

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Not Yet Reviewed
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2022 (224) Candidate List Declared Against: JAN 2019 (197) SVHC > Threshold: Not Yet Reviewed
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Hand solderable with tin/lead 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 Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles' (Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

Compatible Parts



Documents

Product Drawings

[PLUG,7 POS,Sz103,w/SOLDER CUPS,240 POT](#)

English

Datasheets & Catalog Pages

[Metal-Shell Micro Circular Connectors](#)

English

Product Specifications

[Product Specification](#)

English