



AMP

TE Internal #: 2101551-1

Standard Circular Connectors, 40 Position, Copper Alloy, PEEK, .06 mm² Wire Size, Size 5, Polarization Mating Alignment Type, Mating Retention, Plug

[View on TE.com >](#)

Connectors > Circular Connectors > Standard Circular Connectors



Number of Positions: **40**

Shell Base Material: **Copper Alloy**

Circular Connector Insulation Material Type: **PEEK**

Wire Size: **.06 mm²**

Circular Connector Shell Size: **5**

Features

Product Type Features

Product Type	Connector Assembly
Circular Connector Type	Plug

Configuration Features

Keying	Single Key
Number of Positions	40

Electrical Characteristics

Operating Voltage	725 VAC
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Body Features

Shell Base Material	Copper Alloy
Circular Connector Insulation Material Type	PEEK

Contact Features

Circular Connector Contact Type	Pin
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Mechanical Attachment

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

Housing Features

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Circular Connector Shell Size	5
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Dimensions

Panel Thickness	3 mm [.118 in]
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Wire Size	.06 mm ²
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Usage Conditions

Operating Temperature Range	-55 – 125 °C
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Packaging Features

Packaging Quantity	16
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Product Compliance

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

EU RoHS Directive 2011/65/EU	Compliant
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2023 (233) Candidate List Declared Against: JAN 2022 (223) Does not contain REACH SVHC
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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>

Compatible Parts



TE Part # 2101553-2
PLUG,7 POS,CIRCULAR HD,PCB,POL1

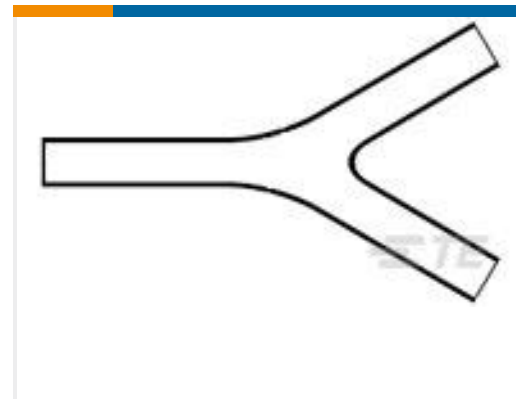
Customers Also Bought



TE Part #806252-000
Convoluted Heat Shrink Uni Boots:
Lipped, Straight



TE Part #DTM04-6P-E003
REC, 6P, GRY, N, CAP



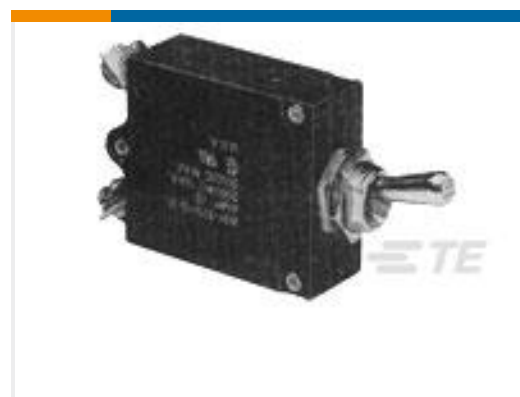
TE Part #293770-000
381A301-51/164-0



TE Part #206794-4
PIN CONTACT, SZ 20



TE Part #33220
TERMINAL,SOLIS R 12-10 3/8



TE Part #3-1393247-9
W31-X2M1G-35=W23/W31



TE Part #36808
TERMINAL,SOLIS R 6 1/2

Documents

Product Drawings

[PLUG,40 POS,Sz105,w/SOLDER CUPS,140 POT](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_2101551-1_B.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2101551-1_B.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2101551-1_B.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

Metal-Shell Micro Circular Connectors

English

Product Specifications

Product Specification

English