



AMP

TE Internal #: 2101551-1

Standard Circular Connectors, 40 Position, Copper Alloy, PEEK, .06mm<sup>2</sup> Wire Size, 5 Shell Size, Polarization Mating Alignment Type, Mating Retention

[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 mm<sup>2</sup>**

Circular Connector Shell Size: **5**

**Features**

**Product Type Features**

Product Type	Connector
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 <sup>2</sup>
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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 2021 (211) Candidate List Declared Against: JUL 2017 (174) SVHC > Threshold: Not Yet Reviewed
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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

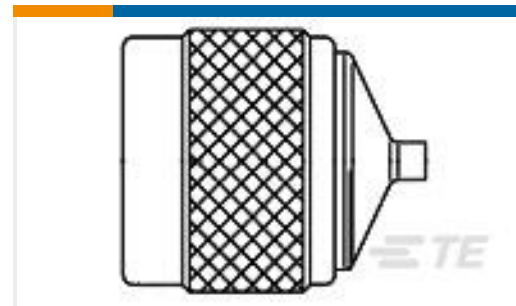
## Customers Also Bought



TE Part #2-323914-1  
PIDG RING TONGUE TERMINALS



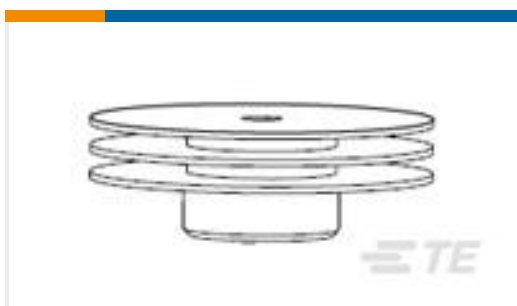
TE Part #1757819-7  
AMPLIMITE,ASY,PLUG,STD,109,ZN,2,CT



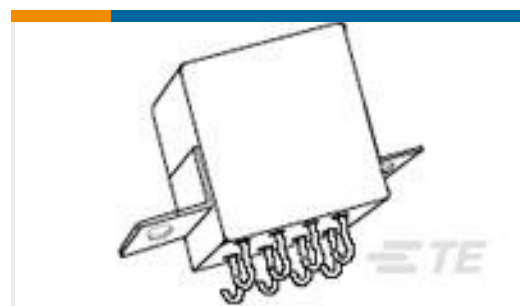
TE Part #1057088-1  
3001 7941 00



TE Part #1-1761681-1  
IDC LOW PRO HDR 34P VERT HT BLACK



TE Part #2-1542007-3  
HTS828-U=29MM HS ASS'Y ULTEM C



TE Part #1617752-2  
FCA-210-CX9



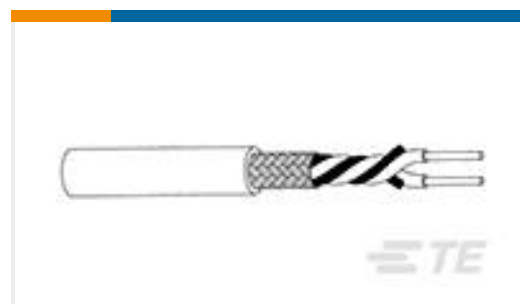
TE Part #YDTS26W17-35SNV001  
D38999: Straight Plug, 17-35 Insert



TE Part #2-1616980-5  
K200A1C1=CONTACTOR 200 AMP SPST 28 VDC



**CRIMPER** REPRESENTATION ONLY  
TE Part #1-1803326-9  
CRIMPER,INSULATION, F



TE Part #180972-001  
2526D1114-9

## 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

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

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## Datasheets & Catalog Pages

[Metal-Shell Micro Circular Connectors](#)

English

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## Product Specifications

[Product Specification](#)

English