

788159-1

✓ ACTIVE

AMP | AMP CPC

TE Internal #: 788159-1

Housing, 600 VDC, Wire-to-Wire, 9 Position, Sealable, Wire & Cable, Receptacle, Pin, Signal, Black, All Plastic, AMP CPC, Circular Power Connectors

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Connectors > Power Connectors > Circular Power > Circular Power Connectors



Connector Product Type: **Housing**

Operating Voltage: **600 VDC**

Connector System: **Wire-to-Wire**

Number of Positions: **9**

Sealable: **Yes**

Features

Product Type Features

| | |
|-----------------------------------|-----------------------------|
| Connector Seal & Plug Type | Peripheral, Wire Entry Seal |
| Connector Product Type | Housing |
| Connector System | Wire-to-Wire |
| Sealable | Yes |
| Connector & Contact Terminates To | Wire & Cable |
| Connector & Housing Type | Receptacle |
| Circular Connector Shell Type | All Plastic |

Configuration Features

| | |
|----------------------------|------|
| Reverse Numbering | With |
| Number of Positions | 9 |
| Number of Power Positions | 0 |
| Number of Signal Positions | 9 |

Electrical Characteristics

| | |
|-------------------|---------|
| Operating Voltage | 600 VAC |
|-------------------|---------|

Contact Features

| | |
|--------------------|------|
| Reverse Gender | No |
| Contact Type | Pin |
| Contact Protection | With |

Mechanical Attachment

| | |
|-----------------------|-------------------|
| Mating Alignment Type | Keyed |
| Mating Alignment | With |
| Mating Retention Type | Threaded Coupling |
| Thread Size | 3/4 - 20 UNEF-2A |
| Polarization Code | A |
| Mating Retention | With |
| Panel Mount Feature | Without |

Housing Features

| | |
|-------------------------------|----------|
| Body Orientation | Straight |
| Housing Color | Black |
| Housing Material | Nylon |
| Circular Connector Shell Size | 13 |

Dimensions

| | |
|--------------------------------------|-------------------------------|
| Compatible Insulation Diameter Range | 1.02 – 2.03 mm [.04 – .08 in] |
|--------------------------------------|-------------------------------|

Usage Conditions

| | |
|-----------------------------|-----------------------------|
| Operating Temperature Range | -55 – 105 °C [-67 – 221 °F] |
| Fluid Resistance | Immersion |

Operation/Application

| | |
|---------------------|--------|
| Circuit Application | Signal |
| Shielded | No |

Industry Standards

| | |
|------------------------|----------|
| UL Flammability Rating | UL 94V-0 |
|------------------------|----------|

Packaging Features

| | |
|--------------------|---------|
| Packaging Quantity | 1 |
| Packaging Method | Package |

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 | Compliant |
| 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 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC |
| Halogen Content | BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources. |
| Solder Process Capability | Not applicable for solder process capability |

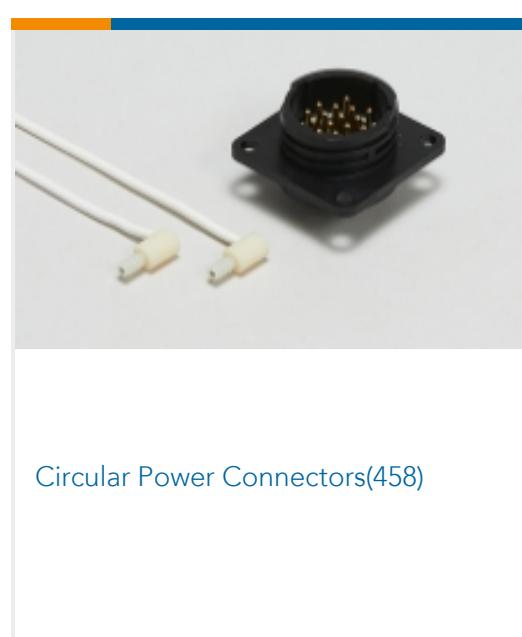
Product Compliance Disclaimer

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



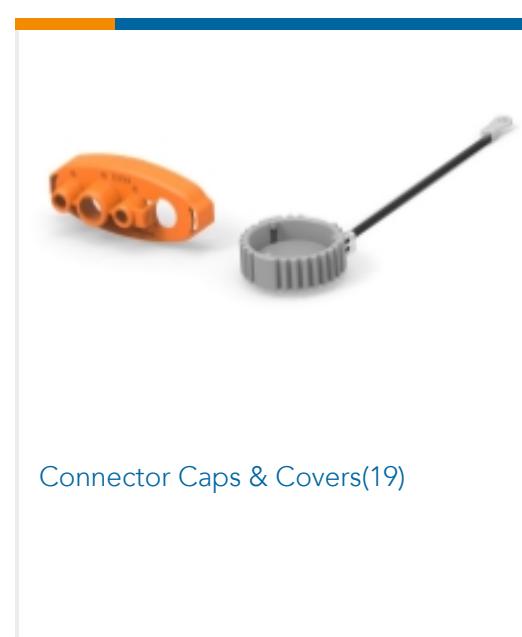
Also in the Series | [AMP CPC](#)



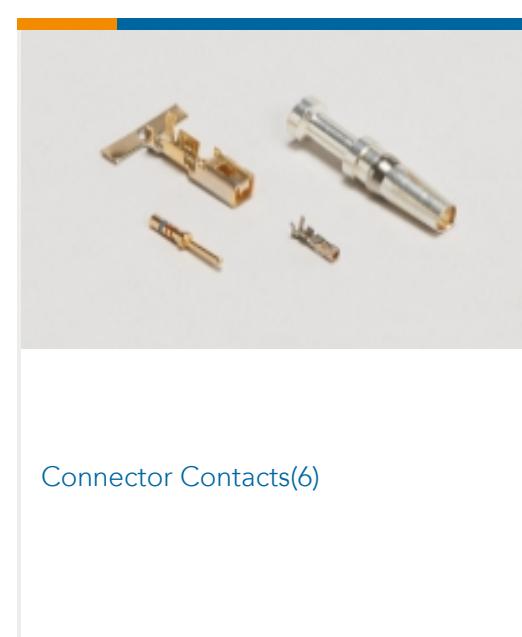
Circular Power Connectors(458)



Connector Backshells(1)



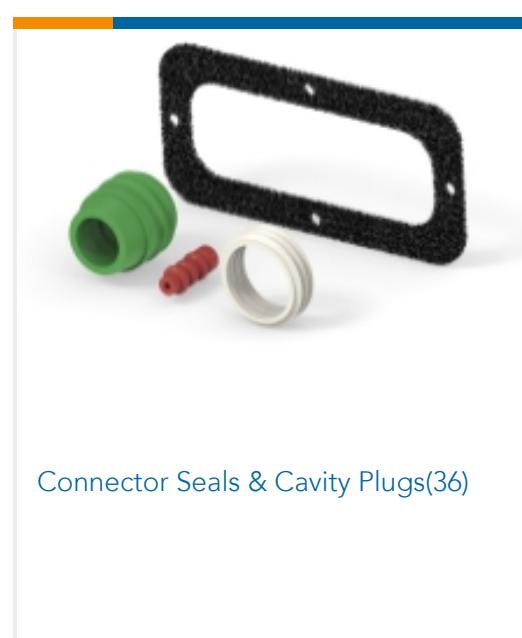
Connector Caps & Covers(19)



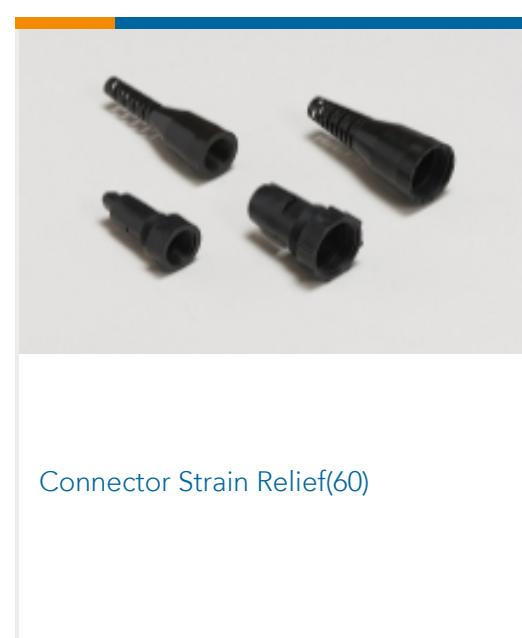
Connector Contacts(6)



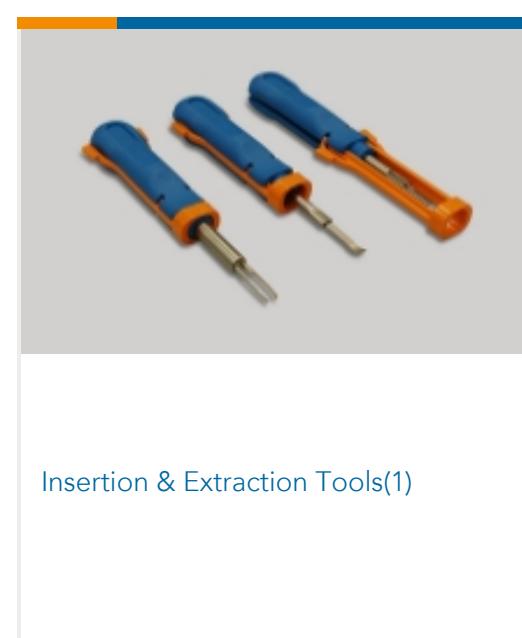
Connector Hardware(12)



Connector Seals & Cavity Plugs(36)



Connector Strain Relief(60)



Insertion & Extraction Tools(1)



Sealing Sleeves(2)

Customers Also Bought

TE Part #788189-1
CPC 17-3 RCPT ASY,REV SEXTE Part #796291-1
SEALED CPC,SER1,23-24,FR RCPTTE Part #TAB62435501-001
M12B2-FR-PUR-0.5MTE Part #794059-1
MINI UMNL PIN L/PTE Part #172169-1
9 CIR UNIV M-N-L PLUGTE Part #172167-1
4 CIR UNIV M-N-L PLUGTE Part #DRC26-40BT
BOOT, 40P, 20SZ, PLG/REC, ST, BLKTE Part #1534807-1
HD20 COVER KIT 15P



TE Part #70KPT3-12-06-1-C
[70KPT3-12-06-1-C](#)

Documents

Product Drawings

[SLD CPC 13-9 RCPT,STD,SM INS](#)

English

CAD Files

[3D PDF](#)

English

Customer View Model

[ENG_CVM_788159-1_A.2d_dxf.zip](#)

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Customer View Model

[ENG_CVM_788159-1_A.3d_igs.zip](#)

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[ENG_CVM_CVM_788159-1_C.3d_igs.zip](#)

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English

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