



AMP | Circular Plastic Connectors Series 1, AMP Circular Plastic Connectors

TE Internal #: 211771-2

19 Position Circular Power Connector, Housing, 600 VDC, Wire-to-Wire, Wire & Cable, Receptacle, Pin, Power & Signal, AMP Circular Plastic 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: **19**

Sealable: **No**

Features

Product Type Features

| | |
|-----------------------------------|--------------|
| Connector Product Type | Housing |
| Connector System | Wire-to-Wire |
| Sealable | No |
| Connector & Contact Terminates To | Wire & Cable |
| Connector & Housing Type | Receptacle |
| Circular Connector Shell Type | All Plastic |

Configuration Features

| | |
|----------------------------|---------|
| Reverse Numbering | Without |
| Number of Positions | 19 |
| Number of Power Positions | 0 |
| Number of Signal Positions | 19 |

Electrical Characteristics

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

Contact Features



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

Mechanical Attachment

| | |
|--------------------------|------------------------------|
| Mating Retention Type | Threaded Coupling |
| Thread Size | 1-3/8 - 18 UNEF-2A |
| Polarization Code | A |
| Panel Mount Feature Type | Flange with Threaded Inserts |
| Mating Alignment Type | Keyed |
| Mating Alignment | With |
| Connector Mounting Type | Panel Mount |
| Mating Retention | With |
| Panel Mount Feature | With |

Housing Features

| | |
|-------------------------------|----------|
| Body Orientation | Straight |
| Housing Color | Black |
| Housing Material | Nylon GF |
| Circular Connector Shell Size | 23 |

Usage Conditions

| | |
|-----------------------------|----------------------------|
| Operating Temperature Range | -55 – 105 °C[-67 – 221 °F] |
| Fluid Resistance | None |

Operation/Application

| | |
|---------------------|----------------|
| Circuit Application | Power & Signal |
| Shielded | No |

Industry Standards

| | |
|---|----------|
| Compatible With Agency/Standards Products | VDE |
| 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 with Exemptions |
| EU ELV Directive 2000/53/EC | Compliant with Exemptions |
| China RoHS 2 Directive MIIT Order No 32, 2016 | 有害物质含量超出标准 Restricted Substance(s) Above Threshold |
| EU REACH Regulation (EC) No. 1907/2006 | Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) SVHC > Threshold: Pb (3.7% in 74019106) 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. |
| 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

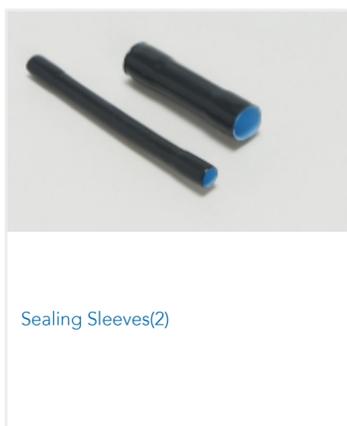
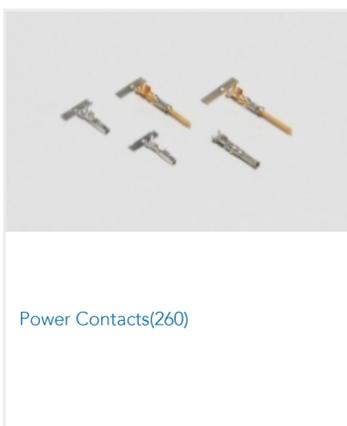
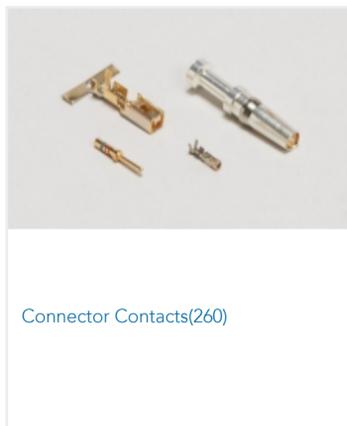
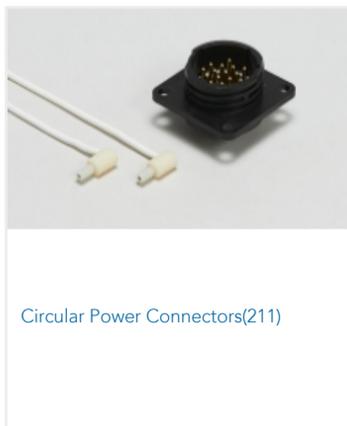
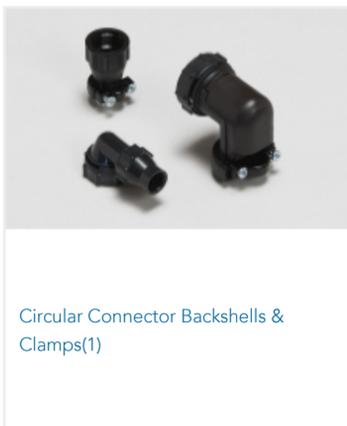
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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

| | | | |
|--|---|--|---|
|  <p>TE Part # 6-2407269-3 CAP, CPC, SIZE 23 RECP, RED</p> |  <p>TE Part # 6-2407269-4 CAP, CPC, SIZE 23 RECP, YELLOW</p> |  <p>TE Part # 211770-2 CPC PLUG ASSEMBLY SIZE 23-19</p> |  <p>TE Part # 206512-6 LARGE CABLE CLAMP KIT, BULK PKG</p> |
|--|---|--|---|



Also in the Series | **AMP Circular Plastic Connectors**



Also in the Series | **Circular Plastic Connectors Series 1**



Circular Power Connectors(211)



Connector Contacts(260)

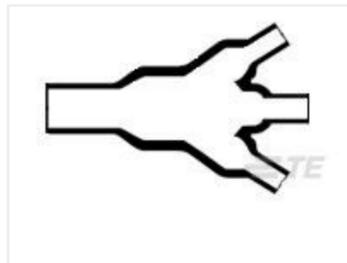


Power Contacts(260)

Customers Also Bought



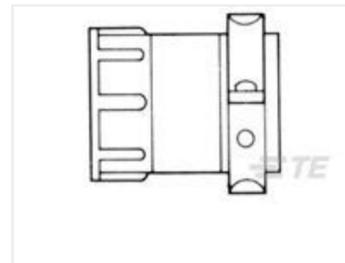
TE Part #T4112002081-000
M12,FEMALE,RA,A CODE,8P,PG9,
GOLD



TE Part #997172-000
462A023-25/225-0



TE Part #206306-1
23-37 RECEPT REV SEX



TE Part #206512-5
CLAMP,CABLE SHELL,SIZE 23



TE Part #211767-2
17-9 CPC RECEPT



TE Part #211770-2
CPC PLUG ASSEMBLY SIZE 23-19



TE Part #1-1423673-4
W51-A122B1-20=CKTBKR, THERM, ROC



TE Part #2-1623720-1
CCR2 5R6 10%



TE Part #103904-1
02 MTE HDR SRRA LATCH W/HLDWN



TE Part #7-1414778-3
V23130C2421A431-EV-CBOX

Documents

Product Drawings

[23-19 CPC RCPT, W/INSERTS](#)

English

CAD Files

Customer View Model

[ENG_CVM_CVM_211771-2_U.2d_dxf.zip](#)

English

[3D PDF](#)



3D

Customer View Model

[ENG_CVM_CVM_211771-2_U.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_211771-2_U.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

[AMP Circular Connectors for Commercial Signal & Power Applications](#)

English

[Datasheet - CPC Protective Caps](#)

English

[Accessories for Circular plastic connectors](#)

English

[Circular Plastic Connectors Standard Cable Assemblies](#)

English

[circular-plastic-connectors-catalog](#)

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Product Specifications

[Application Specification](#)

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Agency Approvals

[UL Report](#)

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