

1-208657-0 ✓ ACTIVE



AMP | AMP Circular Plastic Connectors, Circular Plastic Connectors Series 2

TE Internal #: 1-208657-0

8 Position Circular Power Connector, Connector Assembly, 250

VDC, Wire-to-Board, Printed Circuit Board, Receptacle, AMP

Circular Plastic Connectors

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Connectors > Power Connectors > Circular Power > Circular Power Connectors



Connector Product Type: **Connector Assembly**

Operating Voltage: **250 VDC**

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

Number of Positions: **8**

Sealable: **No**

## Features

### Product Type Features

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

### Configuration Features

|                            |   |
|----------------------------|---|
| Number of Positions        | 8 |
| Number of Power Positions  | 0 |
| Number of Signal Positions | 8 |

### Electrical Characteristics

|                   |         |
|-------------------|---------|
| Operating Voltage | 250 VAC |
|-------------------|---------|

### Contact Features

|                |     |
|----------------|-----|
| Reverse Gender | Yes |
|----------------|-----|



|                              |        |
|------------------------------|--------|
| Contact Type                 | Socket |
| Contact Current Rating (Max) | 7.5 A  |
| Contact Protection           | With   |

#### Termination Features

|                           |                       |
|---------------------------|-----------------------|
| Termination Method to PCB | Through Hole - Solder |
|---------------------------|-----------------------|

#### Mechanical Attachment

|                          |                              |
|--------------------------|------------------------------|
| Panel Mount Feature Type | Flange with Threaded Inserts |
| Mating Alignment Type    | Keyed                        |
| Mating Retention Type    | Threaded Coupling            |
| Mating Alignment         | With                         |
| Polarization Code        | A                            |
| Connector Mounting Type  | Panel Mount                  |
| Mating Retention         | With                         |
| Panel Mount Feature      | With                         |

#### Housing Features

|                               |               |
|-------------------------------|---------------|
| Housing Color                 | Black         |
| Housing Material              | Thermoplastic |
| Circular Connector Shell Size | 11            |

#### Dimensions

|                 |                    |
|-----------------|--------------------|
| Assembly Length | 35.13 mm[1.383 in] |
|-----------------|--------------------|

#### Usage Conditions

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

#### Operation/Application

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

#### Industry Standards

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

#### Packaging Features

|                    |      |
|--------------------|------|
| Packaging Quantity | 27   |
| Packaging Method   | Tray |



## 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)<br>Candidate List Declared Against: JUNE 2025 (250)<br>SVHC > Threshold:<br>Pb (3.7% in 74019106)<br><b>Article Safe Usage Statements:</b><br>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                     | Wave solder capable to 265°C   |

### 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 Circular Plastic Connectors**



Circular Connector Backshells & Clamps(1)



Circular Power Connectors(36)



Connector Contacts(52)



Connector Hardware(10)



Power Contacts(6)



Sealing Sleeves(2)

Also in the Series | **Circular Plastic Connectors Series 2**

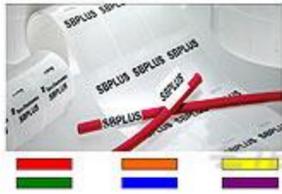
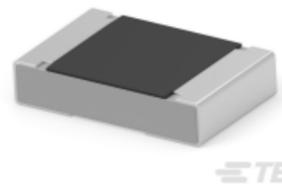


Circular Power Connectors(36)



Connector Contacts(52)

## Customers Also Bought

TE Part #CM9614-000  
SBP100143WE5TE Part #2-66104-9  
III+ SKT,24-20,TIN,STRIPTE Part #5-103361-1  
03 MODII HDR SRRA SHRD LFTE Part #5-103635-6  
07 MTE HDR SRRA LTCH.100CL LFTE Part #1-208657-1  
CPC RECEPT ASSEMBLY SIZE 11-8TE Part #350558-1  
MNL PIN SPECIAL .0126 PTPBRTE Part #1-1625885-3  
1W SM M/OX 5% 10KTE Part #2176230-9  
3522 3R9 5% 3WTE Part #3-2176529-4  
3504G 3A 113R 1% 1K RLTE Part #1423675-9  
W57-XB7A4A10-15=CKTBKR,THERM,P

## Documents

### CAD Files

[3D PDF](#)

[3D](#)

### Customer View Model

[ENG\\_CVM\\_CVM\\_1-208657-0\\_AG.2d\\_dxf.zip](#)

English

### Customer View Model

[ENG\\_CVM\\_CVM\\_1-208657-0\\_AG.3d\\_igs.zip](#)



English

**Customer View Model**

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English

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**Datasheets & Catalog Pages**

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

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[Datasheet - CPC Protective Caps](#)

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[Accessories for Circular plastic connectors](#)

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[Circular Plastic Connectors Standard Cable Assemblies](#)

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**Product Specifications**

[Connector, Circular Plastic](#)

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**Agency Approvals**

[CSA Certificate](#)

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