



AMP | Circular Plastic Connectors Series 1, AMP Type III+

TE Internal #: 66098-2

Pin Contact, Tin (Sn), Snap-In Contact Retention, Size 16 Contact Size, 18 – 16 AWG, .8 – 1.4 mm<sup>2</sup> Wire, Crimp, Brass, Power & Signal, AMP Type III+

[View on TE.com >](#)

Connectors > Contacts > Connector Contacts



Contact Type: **Pin**

Contact Mating Area Plating Material: **Tin (Sn)**

Wire Contact Termination Area Plating Material: **Tin-Lead**

Contact Retention Within Housing: **With**

Contact Retention Type Within Housing: **Snap-In**

**Features**

**Contact Features**

|   |                  |
|---|------------------|
| Contact Underplating Material                         | Nickel           |
| Contact Orientation                                   | Straight         |
| Mating Pin Diameter                                   | 1.57 mm[.062 in] |
| Contact Underplating Material Thickness               | 1.27 µm[50 µin]  |
| Contact Mating Area Plating Material Thickness        | 2.54 µm[100 µin] |
| Wire Contact Termination Area Plating Material Finish | Bright           |
| Contact Shape & Form                                  | Round            |
| Wire Contact Termination Area Plating Thickness       | 2.54 µm[100 µin] |
| Contact Type  | Pin              |
| Contact Mating Area Plating Material                  | Tin (Sn)         |
| Wire Contact Termination Area Plating Material        | Tin-Lead         |
| Contact Retention Within Housing                      | With             |
| Contact Size  | Size 16          |
| Contact Base Material                                 | Brass            |



|                              |      |
|------------------------------|------|
| Contact Current Rating (Max) | 13 A |
|------------------------------|------|

### Termination Features

|                                    |              |
|------------------------------------|--------------|
| Termination Method to Wire & Cable | Crimp        |
| Product Terminates To              | Wire & Cable |

### Mechanical Attachment

|                                       |         |
|---------------------------------------|---------|
| Wire Insulation Support               | With    |
| Contact Retention Type Within Housing | Snap-In |

### Dimensions

|                                      |                              |
|--------------------------------------|------------------------------|
| Compatible Insulation Diameter Range | 2.03 – 2.54 mm [.08 – .1 in] |
| Wire Size                            | .8 – 1.4 mm <sup>2</sup>     |

### Usage Conditions

|                             |                             |
|-----------------------------|-----------------------------|
| Operating Temperature Range | -55 – 150 °C [-67 – 302 °F] |
|-----------------------------|-----------------------------|

### Operation/Application

|                     |                |
|---------------------|----------------|
| Circuit Application | Power & Signal |
|---------------------|----------------|

### Packaging Features

|                    |      |
|--------------------|------|
| Packaging Quantity | 4000 |
| Packaging Method   | Reel |

## Product Compliance

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

|   |   |
|---|---|
| EU RoHS Directive 2011/65/EU                  | Not Compliant   |
| EU ELV Directive 2000/53/EC                   | Compliant with Exemptions   |
| China RoHS 2 Directive MIIT Order No 32, 2016 | Restricted Materials Above Threshold  |
| EU REACH Regulation (EC) No. 1907/2006        | Current ECHA Candidate List: JAN 2025 (247)<br>Candidate List Declared Against: JAN 2025 (247)<br>SVHC > Threshold:<br>Pb (13% in 4690948374)<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                               | Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free   |
| Solder Process Capability                     | Not applicable for solder process capability  |

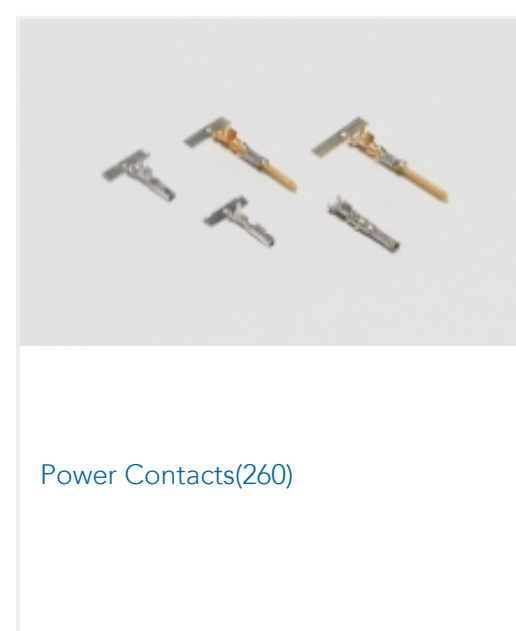
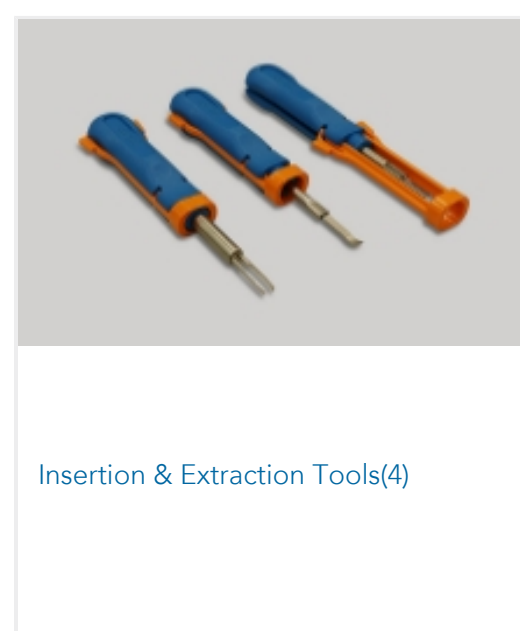
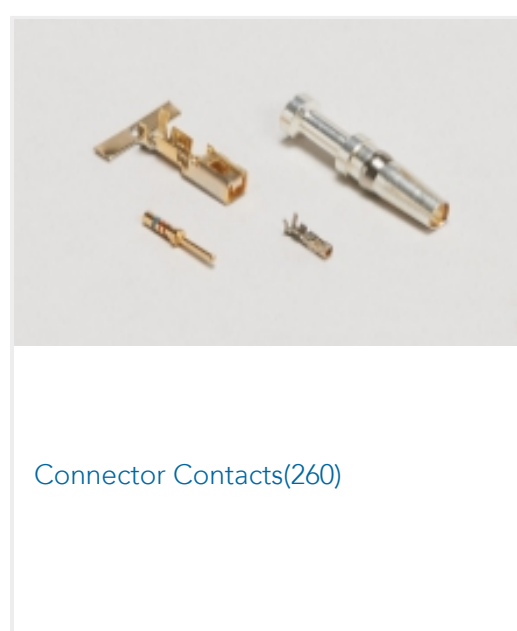
## Product Compliance Disclaimer

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 Type III+



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



Circular Power Connectors(211)

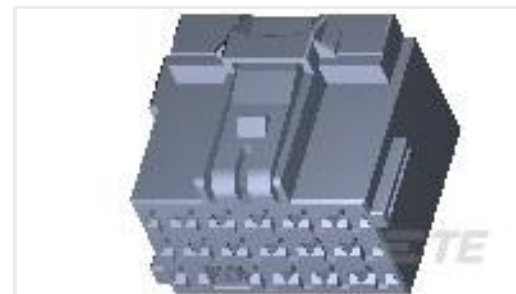
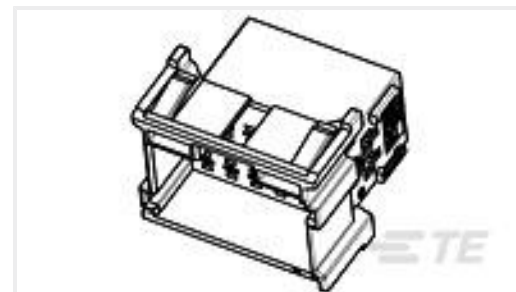
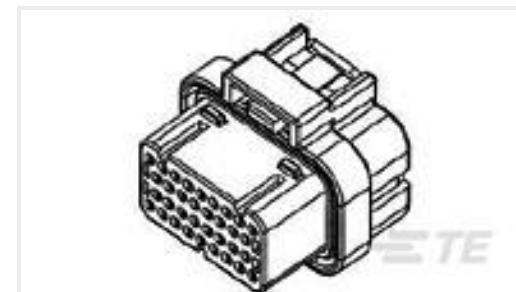


Connector Contacts(260)



Power Contacts(260)

## Customers Also Bought

TE Part #280050-7  
250 FASTON, FLAG, REC., 16-20 AWG,  
TPPBTE Part #66359-6  
III+ PIN, 18-14, TIN-LEAD, STRIPTE Part #1718091-1  
AMP MCP 2.8 JPT HSG 17 POS ASSTE Part #66564-6  
III+ PIN, 24-20, TIN-LEAD, STRIPTE Part #1-963736-1  
TAB 5.8x0.8 CONTACT CS SRC SnTE Part #DT06-12SA-B016  
PLG, 12P, GRY, N, ENH KEY, ATE Part #1-967629-4  
FLACHSTE-GEH2,8 18PTE Part #2-1437285-2  
26POS, SUPERSEAL, REC HSG ASSY,  
SLD, COD 1TE Part #174662-7  
12 POS PLUG MARK II+TE Part #144934-2  
SHIELD MQS 26P ASS'Y

## Documents

### Product Drawings

III+ PIN, 18-16, TIN-LEAD, STRIP

English

### CAD Files

Customer View Model

[ENG\\_CVM\\_66098-2\\_AE.3d\\_igs.zip](#)

English

Customer View Model



[ENG\\_CVM\\_66098-2\\_AE.3d\\_stp.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_66098-2\\_AE.2d\\_dxf.zip](#)

English

**3D PDF**

English

**3D PDF**

3D

**Customer View Model**

[ENG\\_CVM\\_CVM\\_66098-2\\_AP.2d\\_dxf.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_66098-2\\_AP.3d\\_igs.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_66098-2\\_AP.3d\\_stp.zip](#)

English

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## Product Specifications

**Application Specification**

English

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## Instruction Sheets

**Instruction Sheet (U.S.)**

Japanese

**Instruction Sheet (U.S.)**

English