



AMP | AMP Type III+

TE Internal #: 202237-3

Power Contacts, Contact, Gold, Wire & Cable, Solder Tab, Power & Signal, Socket, -55 – 150 °C [-67 – 302 °F], Brass, Tin-Lead, Straight, AMP Type III+

[View on TE.com >](#)

Connectors > Power Connectors > Power Contacts



Power Contact Type: **Contact**

Contact Mating Area Plating Material: **Gold**

Connector & Contact Terminates To: **Wire & Cable**

Termination Method to Wire & Cable: **Solder Tab**

Contact Current Rating (Max): **13 A**

**Features**

**Product Type Features**

|                                   |              |
|-----------------------------------|--------------|
| Power Contact Type                | Contact      |
| Connector & Contact Terminates To | Wire & Cable |

**Contact Features**

|   |                  |
|---|------------------|
| Contact Size                                    | Size 16          |
| Contact Mating Area Plating Material            | Gold             |
| Contact Current Rating (Max)                    | 13 A             |
| Contact Type                                    | Socket           |
| Mating Pin Diameter                             | 1.57 mm[.062 in] |
| Contact Base Material                           | Brass            |
| Contact Mating Area Plating Material Thickness  | .76 µm[30 µin]   |
| Wire Contact Termination Area Plating Thickness | 2.54 µm[100 µin] |
| Wire Contact Termination Area Plating Material  | Tin-Lead         |
| Contact Orientation                             | Straight         |
| Contact Underplating Material                   | Nickel           |



|   |                |
|---|----------------|
| Contact Underplating Material Thickness | .76 μm[30 μin] |
|---|----------------|

### Termination Features

|                                    |            |
|------------------------------------|------------|
| Termination Method to Wire & Cable | Solder Tab |
|------------------------------------|------------|

### Mechanical Attachment

|                         |         |
|-------------------------|---------|
| Wire Insulation Support | Without |
|-------------------------|---------|

### Usage Conditions

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

### Operation/Application

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

### Packaging Features

|                    |     |
|--------------------|-----|
| Packaging Quantity | 100 |
|--------------------|-----|

|                  |     |
|------------------|-----|
| Packaging Method | Box |
|------------------|-----|

### Other

|                          |                            |
|--------------------------|----------------------------|
| Power Connectors Comment | Extraction Tool No. 305183 |
|--------------------------|----------------------------|

## 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: JUNE 2023 (235)<br>Candidate List Declared Against: JUNE 2023 (235)<br>SVHC > Threshold:<br>Pb (13% in Component Part) |
|--|---|

**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 | 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

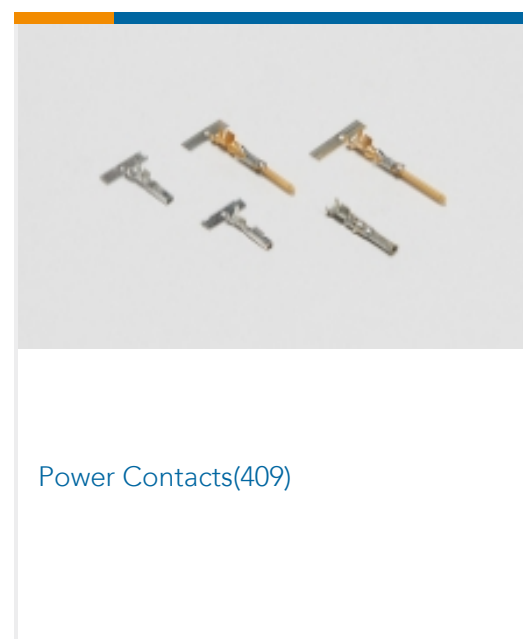
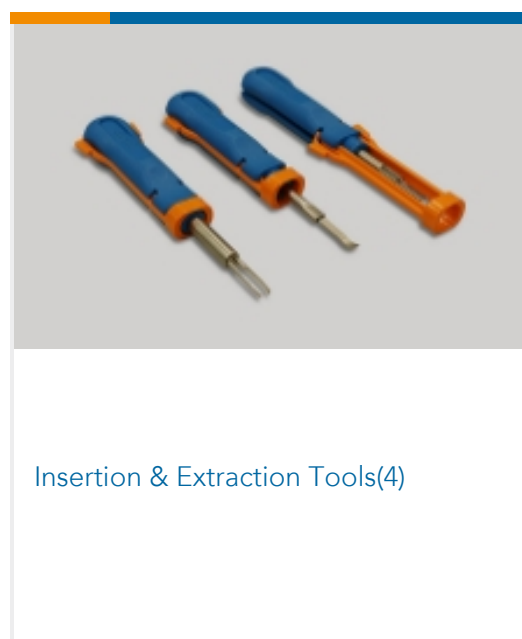
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight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

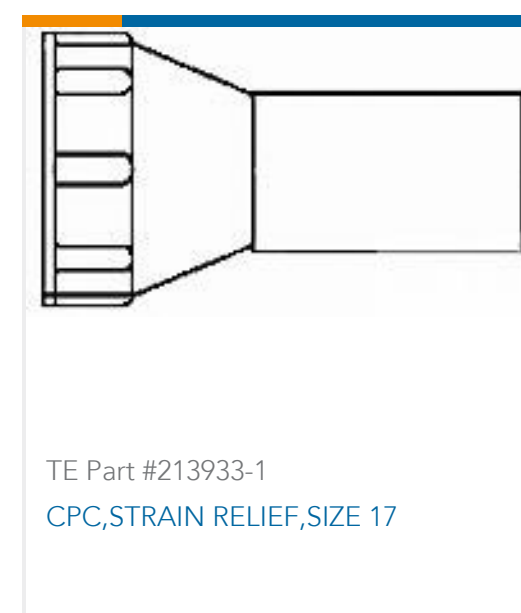
## Compatible Parts

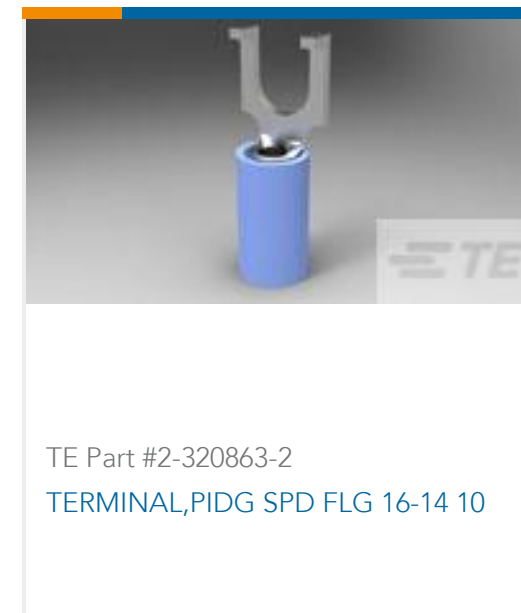


## Also in the Series | AMP Type III+



## Customers Also Bought





## Documents

### Product Drawings

III+ SKT,SOLTAB,30AU>10,SMPACK

English

### CAD Files

3D PDF

English

Customer View Model

[ENG\\_CVM\\_202237-3\\_T.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_202237-3\\_T.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_202237-3\\_T.3d\\_stp.zip](#)

English

3D PDF

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_202237-3\\_W.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_202237-3\\_W.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_202237-3\\_W.3d\\_stp.zip](#)

English



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

[Product Specifications](#)

[Application Specification](#)

English