

66593-4 ✓ ACTIVE

AMP | AMP Type IV

TE Internal #: 66593-4

Power Contacts, Contact, 250 VAC, 250 VDC, Gold, 24 – 20 AWG

Wire Size, .2 – .6 mm² Wire Size, Wire & Cable, Crimp, Signal, Pin,

AMP Type IV

[View on TE.com >](#)



Connectors > Power Connectors > Power Contacts



Power Contact Type: **Contact**

Operating Voltage: **250 VDC**

Contact Mating Area Plating Material: **Gold**

Wire Size: **24 – 20 AWG**

Features

Product Type Features

| | |
|-----------------------------------|--------------|
| Power Contact Type | Contact |
| Sealable | No |
| Connector & Contact Terminates To | Wire & Cable |

Electrical Characteristics

| | |
|-------------------|---------|
| Operating Voltage | 250 VDC |
|-------------------|---------|

Contact Features

| | |
|--|-------------------|
| Contact Size | Size 16 |
| Contact Mating Area Plating Material | Gold |
| Contact Current Rating (Max) | 1.8 A |
| Contact Type | Pin |
| Contact Retention Within Housing | With |
| Mating Pin Diameter | 1.57 mm [.062 in] |
| Contact Base Material | Brass |
| Contact Mating Area Plating Material Thickness | .76 µm [30 µin] |
| Contact Mating Area Plating Material Finish | Bright |



| | |
|---|-----------------|
| Wire Contact Termination Area Plating Thickness | 1.27 µm[50 µin] |
| Wire Contact Termination Area Plating Material | Tin |
| Wire Contact Termination Area Plating Material Finish | Bright |
| Contact Orientation | Straight |
| Contact Underplating Material | Nickel |
| Contact Underplating Material Thickness | 1.27 µm[50 µin] |

Termination Features

| | |
|------------------------------------|-------|
| Termination Method to Wire & Cable | Crimp |
|------------------------------------|-------|

Mechanical Attachment

| | |
|-------------------------|------|
| Wire Insulation Support | With |
|-------------------------|------|

Dimensions

| | |
|--------------------------------------|------------------------------|
| Wire Size | .2 – .6 mm ² |
| Compatible Insulation Diameter Range | 1.02 – 2.03 mm[.04 – .08 in] |

Usage Conditions

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

Operation/Application

| | |
|---------------------|--------|
| Circuit Application | Signal |
|---------------------|--------|

Packaging Features

| | |
|--------------------|--------|
| Packaging Quantity | 1500 |
| Packaging Method | Carton |

Other

| | |
|--------------------------|---|
| Power Connectors Comment | Wire strip length-- 3.96 [.156] for all wire sizes. |
|--------------------------|---|

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 2023 (235) Candidate List Declared Against: JUNE 2023 (235) |



Does not contain REACH SVHC

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

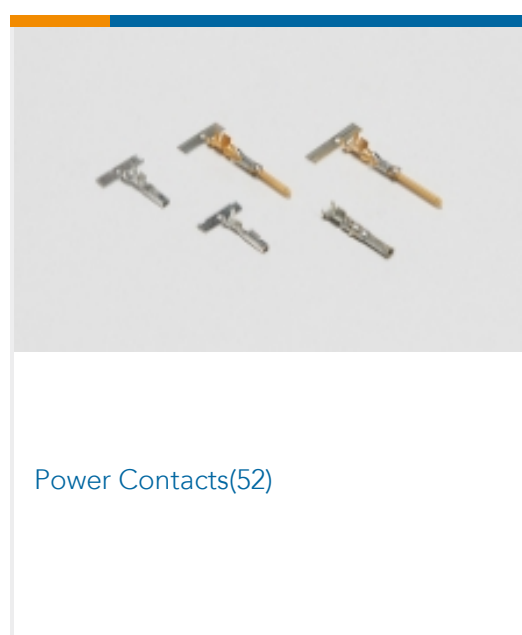
Product Compliance Disclaimer

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 IV



Customers Also Bought



TE Part #02560395-000
LVDT HR 1000 ASSY



TE Part #213841-3
POWERBAND CONT ASSY,SILVER PLT



TE Part #69710-1
C-HEAD FRAME W/O DIES



TE Part #202508-1
CONTACT SOCKET ASSY.



TE Part #66428-3
III+ SKT,30-26,15AU/FL,LP



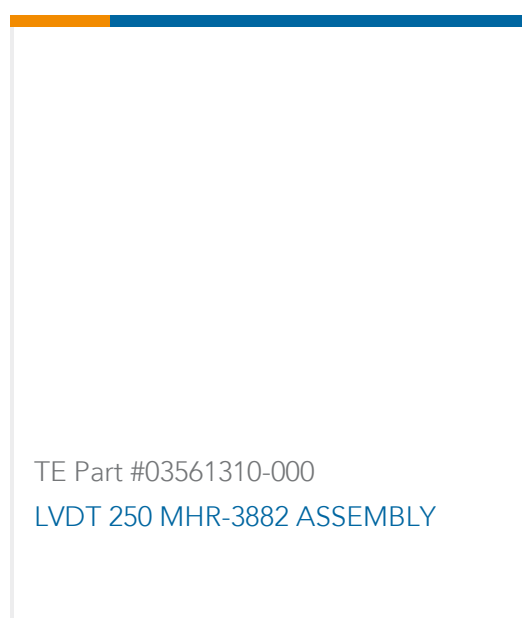
TE Part #356611-1
DIES POWERBAND CONT 8 AWG DIE SET



TE Part #356611-2
DIES POWERBAND CONT 10 AWG DIE SET



TE Part #318813-1
EXTRACTION TOOL ASSY



TE Part #03561310-000
LVDT 250 MHR-3882 ASSEMBLY

Documents

Product Drawings

[TYPE VI PIN,MULTI-MATE,L.P.](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_66593-4_J.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_66593-4_J.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_66593-4_J.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_66593-4_F.3d_igs.zip](#)

English



Customer View Model

[ENG_CVM_66593-4_F.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_66593-4_F.2d_dxf.zip](#)

English

[3D PDF](#)

English

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Product Specifications

[Application Specification](#)

Japanese

[Application Specification](#)

English