

213843-3 ✓ ACTIVE

AMP | AMP POWERBAND

TE Internal #: 213843-3

Power Contacts, Contact, 600 VAC, 600 VDC, Silver, 10 – 8 AWG

Wire Size, 5 – 8 mm² Wire Size, Wire & Cable, Crimp, Power,

Socket, AMP POWERBAND

[View on TE.com >](#)



Connectors > Power Connectors > Power Contacts > POWERBAND Contacts



Power Contact Type: **Contact**

Operating Voltage: **600 VDC**

Contact Mating Area Plating Material: **Silver**

Wire Size: **10 – 8 AWG**

[All POWERBAND Contacts \(20\)](#)

Features

Product Type Features

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

Electrical Characteristics

| | |
|-------------------|---------|
| Operating Voltage | 600 VDC |
|-------------------|---------|

Contact Features

| | |
|--------------------------------------|------------------|
| Contact Size | Size 8 |
| Contact Mating Area Plating Material | Silver |
| Contact Current Rating (Max) | 50 A |
| Contact Type | Socket |
| Contact Retention Within Housing | With |
| Mating Pin Diameter | 3.18 mm[.125 in] |
| Contact Base Material | Copper |



| | |
|--|------------------|
| Contact Mating Area Plating Material Thickness | 5.08 µm[200 µin] |
|--|------------------|

| | |
|---|-------------|
| Contact Mating Area Plating Material Finish | Semi-Bright |
|---|-------------|

| | |
|---|-----------------|
| Wire Contact Termination Area Plating Thickness | 1.27 µm[50 µin] |
|---|-----------------|

| | |
|--|--------|
| Wire Contact Termination Area Plating Material | Silver |
|--|--------|

| | |
|---|-------------|
| Wire Contact Termination Area Plating Material Finish | Semi-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 | Without |
|-------------------------|---------|

Dimensions

| | |
|-----------|-----------------------|
| Wire Size | 5 – 8 mm ² |
|-----------|-----------------------|

Usage Conditions

| | |
|-----------------------------|----------------------------|
| Operating Temperature Range | -55 – 105 °C[-67 – 221 °F] |
|-----------------------------|----------------------------|

Operation/Application

| | |
|---------------------|-------|
| Circuit Application | Power |
|---------------------|-------|

Packaging Features

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

| | |
|------------------|--------|
| Packaging Method | Carton |
|------------------|--------|

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: JAN 2023 (233) 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



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



TE Part # 318813-1
EXTRACTION TOOL ASSY



TE Part # 356304-1
TOOL HOLDER ASSY, STRHT ACTION




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




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

Also in the Series | AMP POWERBAND



Insertion & Extraction Tools(1)



Power Contacts(20)

Customers Also Bought



TE Part #788189-1
Environmentally Sealed Circular
Connector, CPC Series 5



TE Part #4-1609134-8
20ESRMC2=F8278



TE Part #66587-2
TYPE VI PIN, MULTI-MATE, L.P.



TE Part #202508-1
CONTACT SOCKET ASSY.



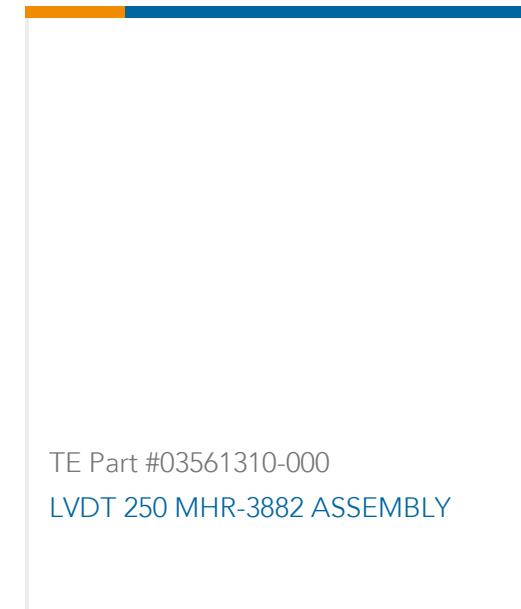
TE Part #66592-4
TYPE VI SKT, MULTI-MATE, L.P.



TE Part #7-1393254-4
W92-X112-25=M6/M7/M9/W6/W7



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



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

Documents

Product Drawings

POWERBAND CONT ASSY,SILVER PLT

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_213843-3_H.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_213843-3_H.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_213843-3_H.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages

AMP Circular Connectors for Commercial Signal & Power Applications

English

Power Contacts

English

METRIMATE_PIN_SOCKET_CATALOG

English

Product Specifications



Application Specification

English

Product Environmental Compliance

[MD_213843-3_121420172340_dmtec](#)

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