



Connectors > Contacts > Connector Contacts > POWERBAND Contacts



Contact Type: **Socket**

Contact Mating Area Plating Material: **Gold**

Wire Contact Termination Area Plating Material: **Gold Flash**

Operating Voltage: **600 VDC**

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

Features

Product Type Features

| | |
|----------|----|
| Sealable | No |
|----------|----|

Electrical Characteristics

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

Contact Features

| | |
|---|---------------------|
| Mating Pin Diameter | 3.18 mm[.125 in] |
| Contact Underplating Material Thickness | 1.27 μm[50 μin] |
| Wire Contact Termination Area Plating Thickness | 5 - 8 μm[5 - 8 μin] |
| Wire Contact Termination Area Plating Material Finish | Semi-Bright |
| Contact Mating Area Plating Material Thickness | 5 - 8 μm[30 μin] |
| Contact Mating Area Plating Material Finish | Semi-Bright |
| Contact Orientation | Straight |
| Contact Underplating Material | Nickel |
| Contact Type | Socket |



| | |
|--------------------------------------|------|
| Contact Mating Area Plating Material | Gold |
|--------------------------------------|------|

| | |
|--|------------|
| Wire Contact Termination Area Plating Material | Gold Flash |
|--|------------|

| | |
|----------------------------------|------|
| Contact Retention Within Housing | With |
|----------------------------------|------|

| | |
|--------------|--------|
| Contact Size | Size 8 |
|--------------|--------|

| | |
|-----------------------|--------|
| Contact Base Material | Copper |
|-----------------------|--------|

| | |
|------------------------------|------|
| Contact Current Rating (Max) | 50 A |
|------------------------------|------|

Termination Features

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

| | |
|-----------------------|--------------|
| Product Terminates To | Wire & Cable |
|-----------------------|--------------|

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: JAN 2024 (240) Candidate List Declared Against: JAN 2024 (240) 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>

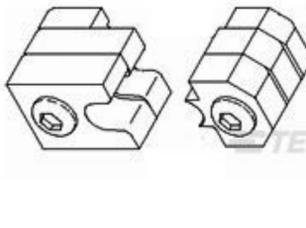
Compatible Parts



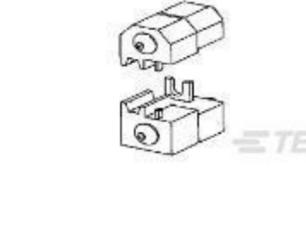
TE Part # 69710-1
C-HEAD FRAME W/O DIES



TE Part # 318813-1
EXTRACTION TOOL ASSY



TE Part # 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



Connector Contacts(20)

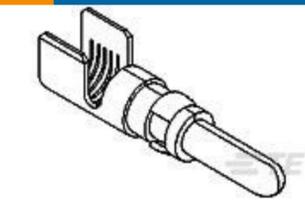


Insertion & Extraction Tools(1)

Customers Also Bought



TE Part # 788189-1
CPC 17-3 RCPT ASY,REV SEX



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



TE Part # 206036-4
CPC RECPT SEALED SIZE 17-16



TE Part # 213906-1
CPC PLUG ASSY,SRS 6,SZ 17-10



TE Part # 1415898-2
RTS3TA12



TE Part # 202508-1
CONTACT SOCKET ASSY.



TE Part # 1393030-7
SSR-240D25= PANEL MOUNT, 25A,
240VAC-DC i/p



TE Part # 2470461-1
EXTRACTION TOOL



TE Part # 502750-1
KIT, COUPLING RECEPT, 2.5BAY, SM

Documents

Product Drawings

[PWRBAND SKT CNT ASSY, 8-10, L.P.](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_213843-4_H.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_213843-4_H.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_213843-4_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

213843-4

Socket Contact, Gold, 600 VAC, 600 VDC, Size 8 Contact Size, 10 - 8 AWG Wire Size,
5 - 8 mm² Wire Size, Crimp, Copper, Power, AMP POWERBAND



Application Specification

English