

213847-4 ✓ ACTIVE

AMP | AMP POWERBAND

TE Internal #: 213847-4

Power Contacts, Contact, 600 VAC, 600 VDC, Gold, 14 – 12 AWG

Wire Size, 2 – 3 mm² Wire Size, Wire-to-Wire, 1 Position, Wire & Cable, 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: **Gold**

Wire Size: **14 – 12 AWG**

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

Features

Product Type Features

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

Configuration Features

| | |
|---------------------|---|
| Number of Positions | 1 |
|---------------------|---|

Electrical Characteristics

| | |
|-------------------|---------|
| Test Current | 45 A |
| Operating Voltage | 600 VDC |

Contact Features

| | |
|--------------------------------------|--------|
| Contact Mating Area Plating Material | Gold |
| 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 | .76 µm[30 µin] |
| Contact Mating Area Plating Material Finish | Semi-Bright |
| Wire Contact Termination Area Plating Thickness | .02 µm[1 µin] |
| Wire Contact Termination Area Plating Material | Gold Flash |
| 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] |
| Contact Size | 8 |

Termination Features

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

Mechanical Attachment

| | |
|---------------------------------------|---------|
| Contact Retention Type Within Housing | Snap-In |
| Wire Insulation Support | Without |

Dimensions

| | |
|-----------|-----------------------|
| Wire Size | 2 – 3 mm ² |
|-----------|-----------------------|

Usage Conditions

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

Operation/Application

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

Packaging Features

| | |
|--------------------|--------|
| Packaging Method | Carton |
| Packaging Quantity | 100 |

Other

| | |
|-----------|----------|
| Wire Type | Stranded |
|-----------|----------|

Product Compliance

For compliance documentation, visit the product page on [TE.com](https://www.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 2022 (224) Candidate List Declared Against: JAN 2022 (223) SVHC > Threshold: Not Yet Reviewed |
| 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 # 356612-1
DIES POWERBAND CONT 14-12 AWG DIE SET

Also in the Series | AMP POWERBAND



Insertion & Extraction Tools(1)



Power Contacts(20)

Customers Also Bought



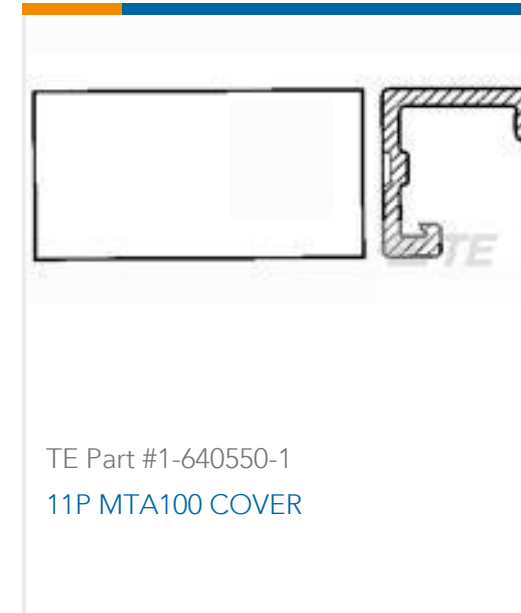
TE Part #4-643813-1
11P MTA100 CONN ASSY POL RIB



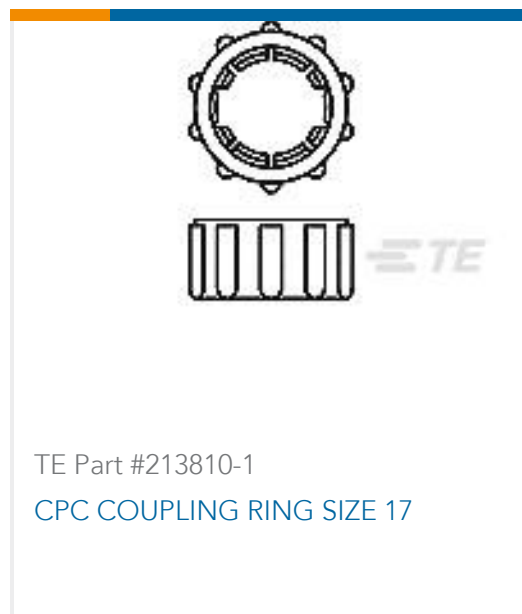
TE Part #213906-1
CPC SERIES 6 SEALED TWO-PIECE



TE Part #1-66359-6
III+ PIN, 18-14, 30AU/FL, STRIP



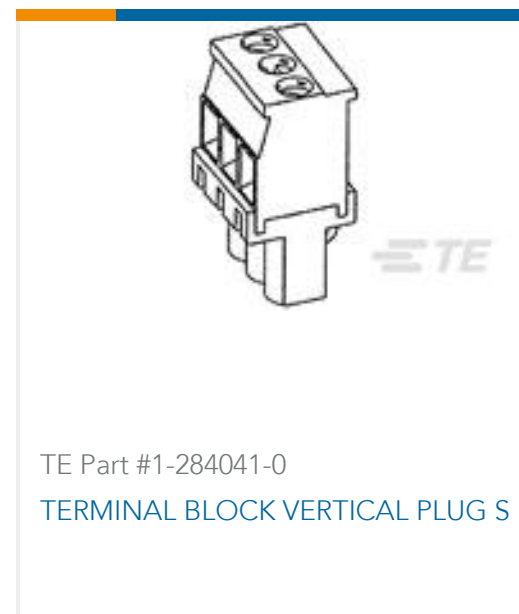
TE Part #1-640550-1
11P MTA100 COVER



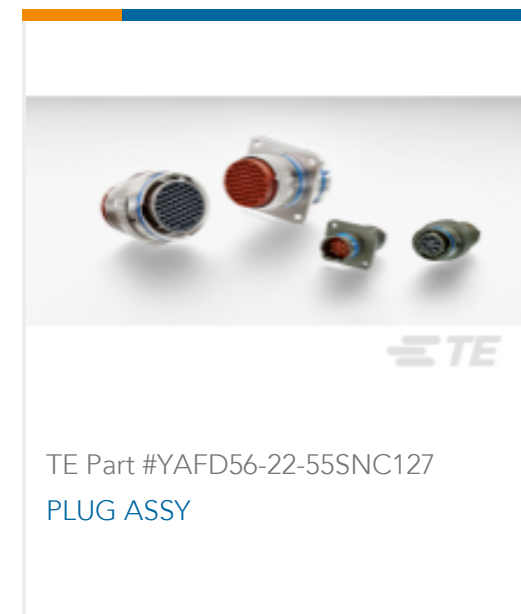
TE Part #213810-1
CPC COUPLING RING SIZE 17



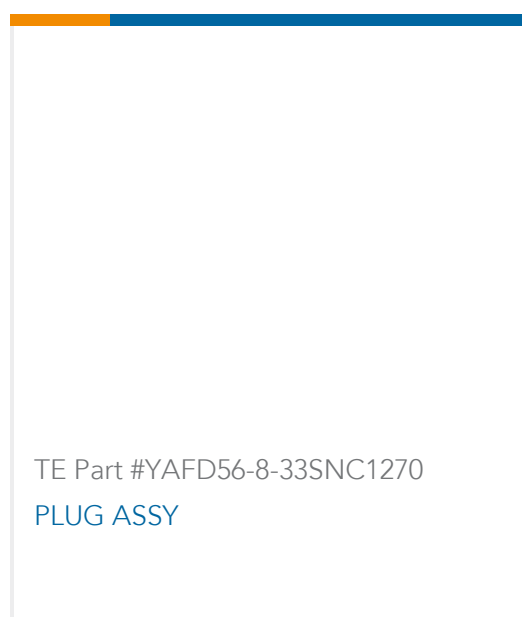
TE Part #788189-1
CPC 17-3 RCPT ASY, REV SEX



TE Part #1-284041-0
TERMINAL BLOCK VERTICAL PLUG S



TE Part #YAFD56-22-55SNC127
PLUG ASSY



TE Part #YAFD56-8-33SNC1270
PLUG ASSY

Documents

Product Drawings

[PWRBND SOC ASY, 14-12, L.P.](#)

English

CAD Files

[3D PDF](#)

English

Customer View Model

[ENG_CVM_213847-4_B.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_213847-4_B.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_213847-4_B.2d_dxf.zip](#)

English

[3D PDF](#)



3D

Customer View Model

[ENG_CVM_CVM_213847-4_G.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_213847-4_G.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_213847-4_G.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

[AMP Circular Connectors for Commercial Signal & Power Applications](#)

English

Power Contacts

English

[METRIMATE_PIN_SOCKET_CATALOG](#)

English

Product Specifications

[Application Specification](#)

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Agency Approvals

[Agency Approval Document](#)

English