

213841-2 ✓ ACTIVE

AMP | AMP POWERBAND

TE Internal #: 213841-2

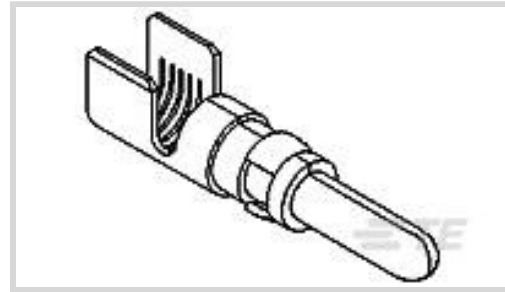
Power Contacts, Contact, 600 VAC, 600 VDC, Gold, 10 – 8 AWG

Wire Size, 5 – 8 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: **10 – 8 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 | 50 A |
| Operating Voltage | 600 VDC |

Contact Features

| | |
|--|------------------|
| Contact Mating Area Plating Material | Gold |
| Contact Current Rating (Max) | 50 A |
| Contact Type | Pin |
| 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

| | |
|-------------------------|---------|
| 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 Method | Reel |
| Packaging Quantity | 1500 |

Other

| | |
|--------------|--------------------------------------|
| For Use With | CPC Connectors, Metrimate Connectors |
|--------------|--------------------------------------|

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 2022 (224) Candidate List Declared Against: JUNE 2022 (224) |



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 # CAT-AM71-C83998K
CPC SERIES 6



TE Part # CAT-AM71-C83998U
CPC SERIES 5



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



TE Part # 318813-1
EXTRACTION TOOL ASSY



TE Part # 213899-1
CPC SEAL ASSY KIT, SRS 5, 17-3



TE Part # 213900-1
CPC SEAL ASSY KIT, SRS 6, 17-10



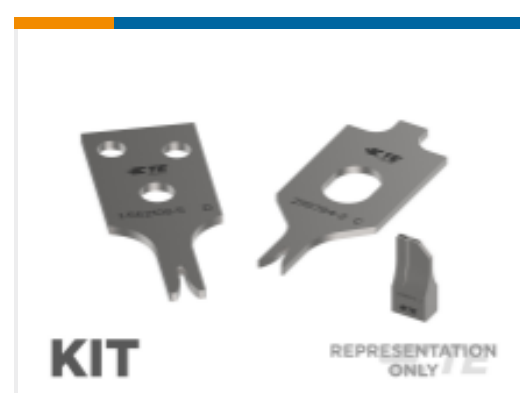
TE Part # 2-2836124-2
OCEAN_2.0_Applicator-S-180F



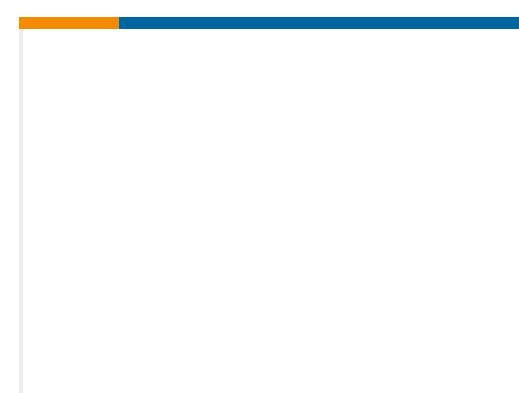
TE Part # 2836124-2
OCEAN_2.0_Applicator-S-180F



TE Part # 7-2836124-2
OCEAN_2.0_Applicator-S-180F



TE Part # 7-2836124-7
OCEAN_2.0_SPARE_PART_KIT-180F

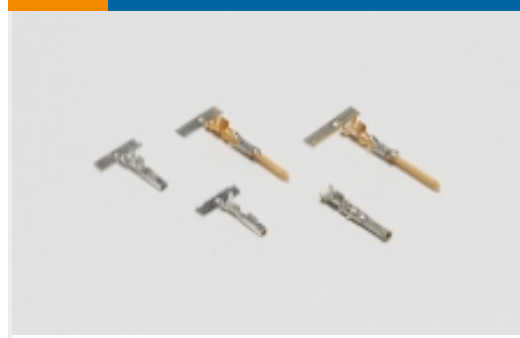


TE Part # 197889-1
ANVIL HOLDER

Also in the Series | AMP POWERBAND



Insertion & Extraction Tools(1)



Power Contacts(20)

Customers Also Bought



TE Part #213889-2
CPC RECPT SEALED, SIZE 17-3



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



TE Part #66100-9
III+ SKT, 18-16, 30AU/FL, STRIP



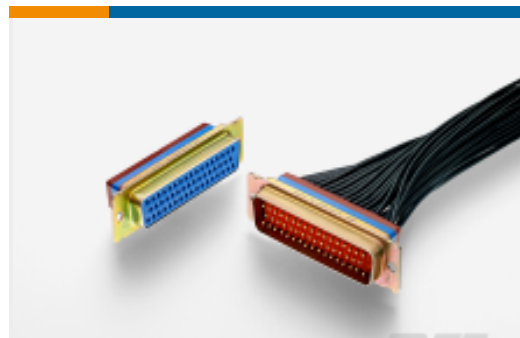
TE Part #1532187-1
M83513/02-AN, MCKS-N1-B-9SS



TE Part #160293
PLASTI-GRIP, RING, 12-10 5MM



TE Part #YDTS20W17-99SCV001
RECP ASSY



TE Part #2157481-3
AMPLIMITE IP67, SZ3, 109, 25 POS, RCPT



TE Part #150493
PIDG, RING, 24-20 4



TE Part #5-1437418-6
J6340=JUMPER R T 3/8 40 CKTS

Documents

[Product Drawings](#)
POWERBAND PIN CNT

English

[CAD Files](#)
3D PDF

English



Customer View Model

[ENG_CVM_213841-2_B.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_213841-2_B.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_213841-2_B.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

[Product Compliance](#)

English

[Product Compliance](#)

English

Agency Approvals

[Agency Approval Document](#)

English