

213737-1 ✓ ACTIVE

AMP | METRIMATE Power VIII

TE Internal #: 213737-1

Power Contacts, Contact, 600 VAC, 600 VDC, Gold, 10 AWG Wire Size, 5 mm² Wire Size, Wire & Cable, Crimp, Power, Socket, METRIMATE Power VIII

[View on TE.com >](#)



Connectors > Power Connectors > Power Contacts



Power Contact Type: **Contact**

Operating Voltage: **600 VDC**

Contact Mating Area Plating Material: **Gold**

Wire Size: **10 AWG**

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 | Gold |
| Contact Current Rating (Max) | 40 A |
| Contact Type | Socket |
| Contact Retention Within Housing | With |
| Mating Pin Diameter | 3.6 mm[.142 in] |
| Contact Base Material | Copper Alloy |
| Contact Mating Area Plating Material Thickness | .76 µm[30 µin] |
| Contact Mating Area Plating Material Finish | Bright |



| | |
|---|-----------------|
| Wire Contact Termination Area Plating Thickness | .76 µm[30 µin] |
| Wire Contact Termination Area Plating Material | Gold |
| 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

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

Dimensions

| | |
|-----------|-------------------|
| Wire Size | 5 mm ² |
|-----------|-------------------|

Usage Conditions

| | |
|-----------------------------|----------------------------|
| Operating Temperature Range | -55 – 130 °C[-67 – 266 °F] |
|-----------------------------|----------------------------|

Operation/Application

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

Packaging Features

| | |
|--------------------|-----|
| Packaging Quantity | 100 |
| Packaging Method | Bag |

Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

| | |
|---|---|
| EU RoHS Directive 2011/65/EU | Compliant with Exemptions |
| EU ELV Directive 2000/53/EC | Compliant with Exemptions |
| China RoHS 2 Directive MIIT Order No 32, 2016 | 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) SVHC > Threshold: Pb (.6% in Component Part) Article Safe Usage Statements: Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location. |



| | |
|---------------------------|---|
| 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 |

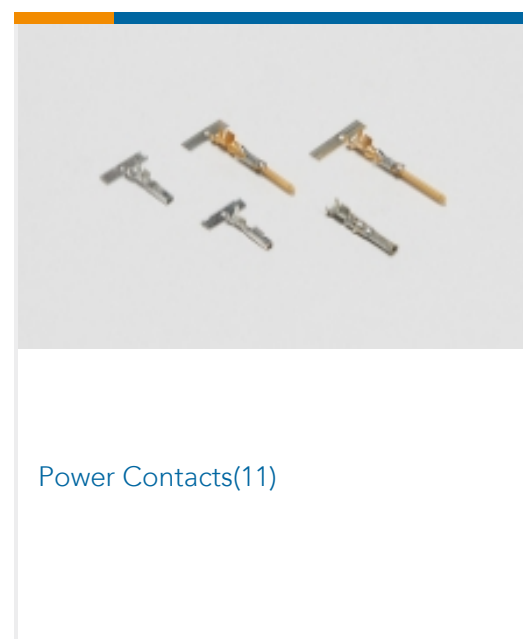
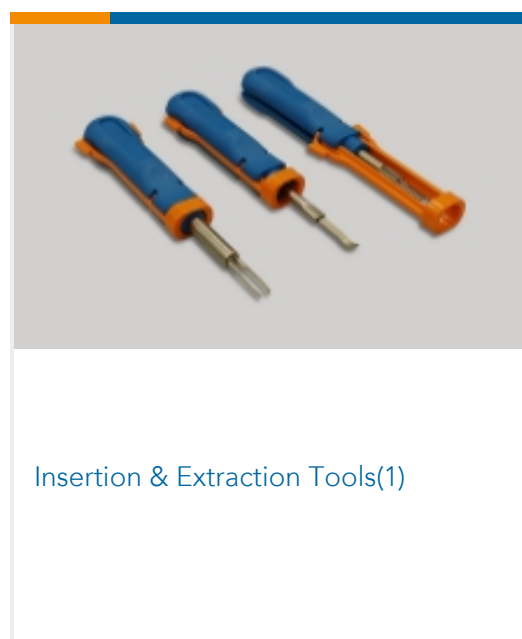
Product Compliance Disclaimer

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 | METRIMATE Power VIII



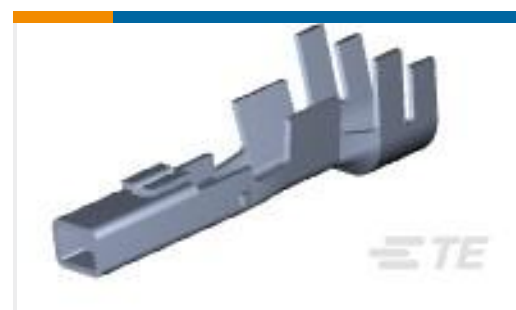
Customers Also Bought



TE Part #327717
PIDG SPD 22-16 COMM 22-18MIL 4



TE Part #66601-2
III+ SKT,18-14,30AU/FL,LP



TE Part #177915-2
AMP POWER DBL LOCK REC



TE Part #179595-1
AMP POWER D/LOCK TAB CONT. L/P



TE Part #53241-1
PG SPR SPD 22-16COMM 22-18MIL8



TE Part #177907-1
POWER DBL LOCK CAP P/M 3P



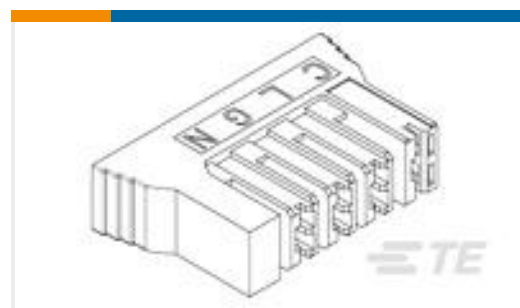
TE Part #1-770986-0
MINI UMNL SOK 26-22AWG AU LP



TE Part #3-643814-8
08P MTA100 CONN ASSY POL RIB



TE Part #640907-2
RECEPT,PIDG FASTON 12-10 250



TE Part #521781-1
250 HSG. PL MKIII REC. 6.81mm 4P
NAT

Documents

Product Drawings

[SIZE 8 SKT CONT ASSY,10 AWG](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_213737-1_G.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_213737-1_G.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_213737-1_G.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_213737-1_D.3d_igs.zip](#)

English



Customer View Model

[ENG_CVM_213737-1_D.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_213737-1_D.2d_dxf.zip](#)

English

[3D PDF](#)

English

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Datasheets & Catalog Pages

[Power Contacts](#)

English

Agency Approvals

[Agency Approval Document](#)

English