



Connectors > Contacts > Connector Contacts



Contact Type: **Socket**
Contact Mating Area Plating Material: **Gold (Au)**
Wire Contact Termination Area Plating Material: **Gold**
Operating Voltage: **600 VDC**

Features

Product Type Features

Discrete Wire Type	Solid or Stranded
Sealable	No

Configuration Features

Compatible With Wire & Cable Type	Discrete Wire
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Electrical Characteristics

Operating Voltage	600 VDC
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Contact Features

Contact Length	22.61 mm[.89 in]
Barrel Type	Closed
Contact Type	Socket
Contact Mating Area Plating Material	Gold (Au)
Wire Contact Termination Area Plating Material	Gold
Contact Retention Within Housing	With
Contact Size	Size 8



Contact Base Material	Copper Alloy
Contact Current Rating (Max)	40 A
Mating Pin Diameter	3.6 mm[.142 in]
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 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
Product Terminates To	Wire & Cable

Mechanical Attachment

Contact Retention Type Within Housing	Retention Clip
Wire Insulation Support	Without

Dimensions

Wire Size	5 mm²
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Usage Conditions

Operating Temperature Range	-55 – 125 °C[-67 – 257 °F]
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Operation/Application

Circuit Application	Power
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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 2025
(250)
Candidate List Declared Against: JAN 2025
(247)
SVHC > Threshold:
Pb (.6% in 74023541)
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 < 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 # 318813-1
EXTRACTION TOOL ASSY



TE Part # 608651-1
HAND TOOL FRAME DANIELS



TE Part # 608651-2
SINGLE POSITION HEAD, SP689

Also in the Series | METRIMATE Power VIII



Connector Contacts(8)



Insertion & Extraction Tools(2)

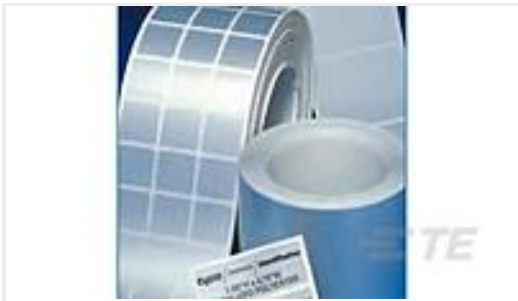


Power Contacts(8)

Customers Also Bought



TE Part #193578-001
T14-23FR



TE Part #C58158-000
WP-089047-10-9



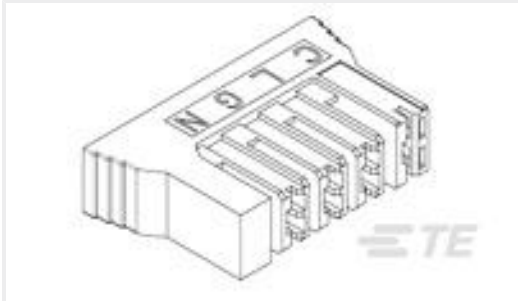
TE Part #2-36932-2
TERMINAL,SOLIS R 4/0 1/4



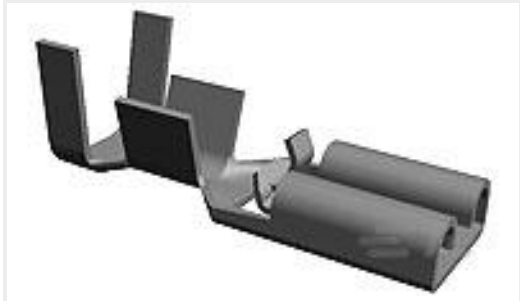
TE Part #CAT-P592-R472A
PIDG Ring Tongue Terminals



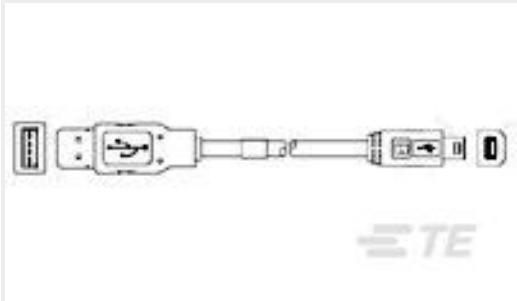
TE Part #2-520264-2
ULTRAFAST 250 ASSY REC 22-18
TPBR LP



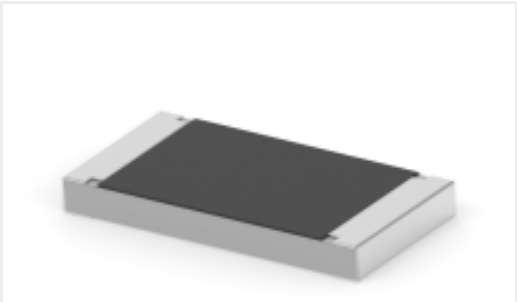
TE Part #521781-1
250 HSG. PL MKIII REC. 6.81mm 4P
NAT



TE Part #1217114-2
187 PL MKIII REC. 18-14AWG TPBR



TE Part #1487590-2
USB, A-B, 25/20, WHITE, 5.0M



TE Part #2-2176350-9
CRGCQ 2512 47K 5%

Documents

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