



Connectors > Power Connectors > Rectangular Power > Rectangular Power Connectors



Rectangular Power Connector Type: **Housing**
Connector & Housing Type: **Plug, Receptacle**
Connector System: **Wire-to-Wire**
Number of Positions: **1**
Sealable: **No**

Features

Product Type Features

Rectangular Power Connector Type	Housing
Connector & Housing Type	Plug, Receptacle
Connector System	Wire-to-Wire
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	1
Number of Power Positions	1
Number of Signal Positions	0
Number of Rows	1

Electrical Characteristics

Operating Voltage	600 VDC
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Contact Features

Contact Current Rating (Max)	31 A
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Contact Retention Within Housing	With
Contact Type	Blade

Termination Features

Termination Method to Wire & Cable	Crimp & Solder
Wire/Cable Type	Discrete Wire

Mechanical Attachment

Connector Mounting Type	Panel Mount
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Housing Features

Housing Color	Black
Housing Material	Polycarbonate

Dimensions

Wire Size	.8 – 3 mm ²
Width	16.08 mm[.63 in]
Height	16.08 mm[.63 in]
Length	48.08 mm[1.89 in]

Usage Conditions

Operating Temperature Range	-40 – 75 °C[-40 – 167 °F]
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Operation/Application

Circuit Application	Power
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Industry Standards

CSA Rating	Certified
UL Flammability Rating	UL 94V-2
Agency/Standard Number	E28476
Agency/Standard	CSA, UL
UL Rating	Recognized
CSA File Number	LR7189
VDE Tested	No

Packaging Features

Packaging Method	Bag
Packaging Quantity	250

Product Compliance



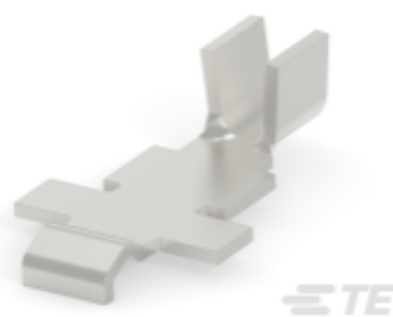
For compliance documentation, visit the product page on [TE.com](#)>

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	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not applicable for solder process capability

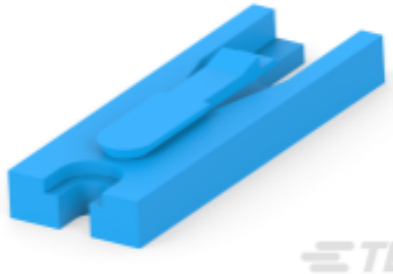
Product Compliance Disclaimer

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



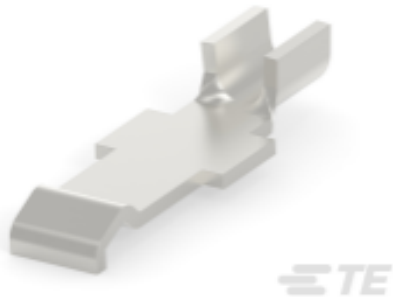
TE Part # 53880-4
CONTACT,PWR LK,SRS2,LS PC,CRMP



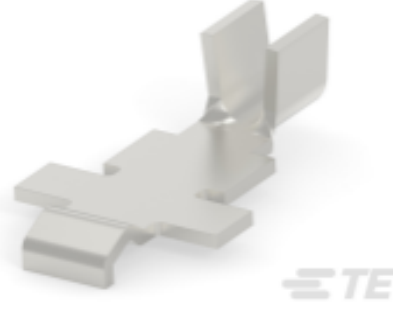
TE Part # 53885-1
SURF MT ADAPTER,POWER LK,SRS2



TE Part # 53887-1
PNL MT ADAPTER,MALE,POWER LOCK



TE Part # 54330-1
CONTACT,PWR LK,SRS2,LS PC,SLDR LOCK



TE Part # 53880-2
CONTACT,PWR LK,SRS2,STRIP,CRMP



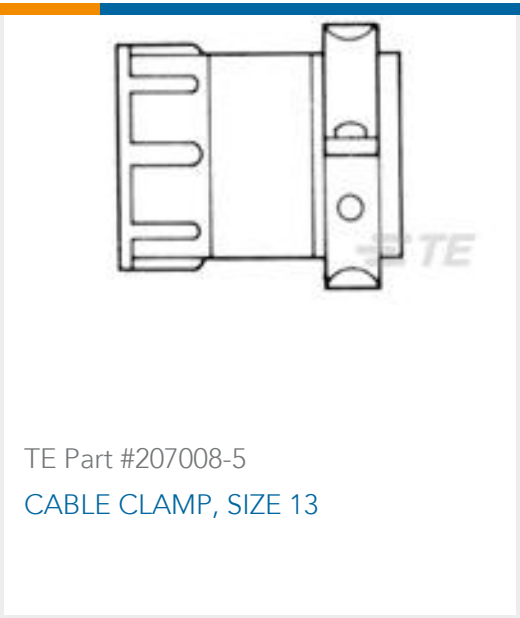
Customers Also Bought



TE Part #53894-2
HSG ASSY,PWR LK,SRS1,1 POS,BLK



TE Part #171636-1
MINI U-M-N-L PIN CONTACT



TE Part #207008-5
CABLE CLAMP, SIZE 13



TE Part #53244-2
TERMINAL,PG SPR SPD 16-14 8



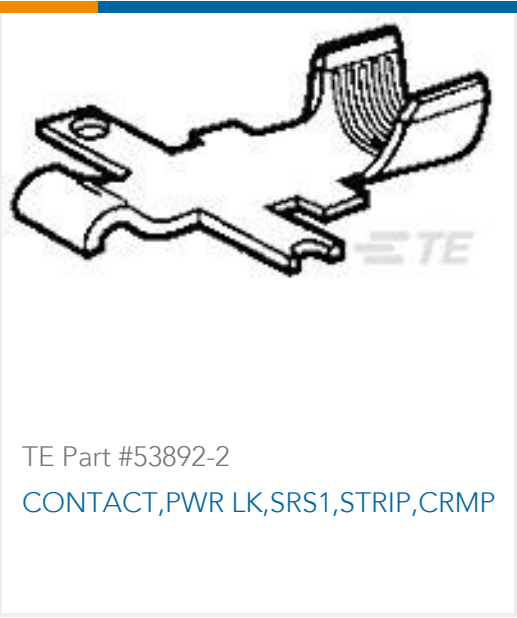
TE Part #640917-2
RECEPT,PIDG FASTON 22-18 187



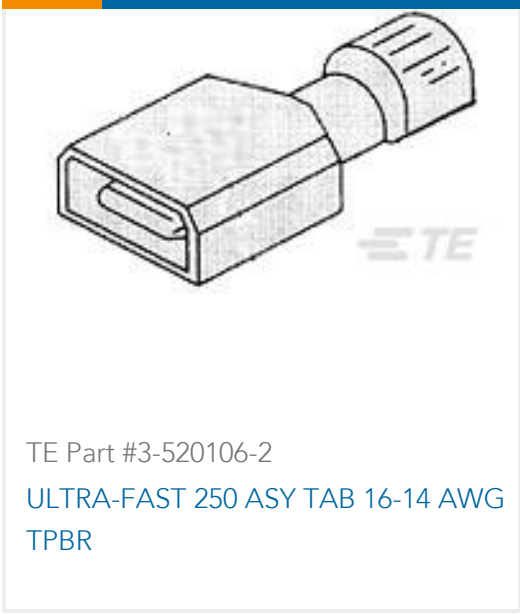
TE Part #2-34855-1
TERMINAL,PG R 12-10 1/4



TE Part #66582-2
TYPE VI SKT CONT,MULTI-MATE



TE Part #53892-2
CONTACT,PWR LK,SRS1,STRIP,CRMP



TE Part #3-520106-2
ULTRA-FAST 250 ASY TAB 16-14 AWG TPBR



TE Part #1-172165-6
2CIR MINI U-M-N-L PLUG BLUE

Documents

Product Drawings

HSG ASSY,PWR LK,SRS2,1 POS,BLK

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_53884-3_M.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_53884-3_M.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_53884-3_M.3d_stp.zip

English

Customer View Model



[ENG_CVM_53884-3_H.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_53884-3_H.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_53884-3_H.2d_dxf.zip](#)

English

[3D PDF](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Product Specifications

[Application Specification](#)

English

[Application Specification](#)

Japanese

[Power-Lock 75 Series Contacts](#)

Japanese

Product Environmental Compliance

[MD_53884-3_06192014247_dmtec](#)

English

[MD_53884-3_06192014247_dmtec](#)

English

Instruction Sheets

[Instruction Sheet \(U.S.\)](#)

English

[Power Lock Connectors \(Series II\) \(Accept Contacts 53880 and 54330\)](#)

English

Agency Approvals

[Agency Approval Document](#)

English