



Connectors > Power Connectors > Power Contacts

Power Contact Type: **Contact**Operating Voltage: **600 VDC**Contact Mating Area Plating Material: **Tin**Wire Size: **20 – 16 AWG**

Features

Product Type Features

Compatible With Discrete Wire Type	Stranded
Power Contact Type	Contact
Connector & Contact Terminates To	Wire & Cable

Electrical Characteristics

Operating Voltage	600 VDC
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Contact Features

Contact Mating Area Plating Material	Tin
Contact Current Rating (Max)	11.2 A
Contact Type	Socket
Contact Retention Within Housing	With
Mating Pin Diameter	1 mm [.039 in]
Contact Base Material	Phosphor Bronze
Wire Contact Termination Area Plating Thickness	2.54 – 6.35 μm [100 – 250 μin]
Wire Contact Termination Area Plating Material	Pre-Tin
Wire Contact Termination Area Plating Material Finish	Bright



Contact Orientation	Straight
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Termination Features

Termination Method to Wire & Cable	Crimp
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Mechanical Attachment

Wire Insulation Support	Without
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Dimensions

Wire Size	.5 – 1.4 mm ²
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Compatible Insulation Diameter Range	2 – 3.2 mm [.079 – .126 in]
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Usage Conditions

Operating Temperature Range	-55 – 105 °C [-67 – 221 °F]
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Operation/Application

Circuit Application	Power
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Industry Standards

CSA Rating	Certified, LR 7189
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UL Rating	Recognized
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Agency/Standard	CSA, UL
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Packaging Features

Packaging Quantity	4500
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Packaging Method	Reel
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Product Compliance

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

EU RoHS Directive 2011/65/EU	Compliant
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2023 (235) Candidate List Declared Against: JUNE 2023 (235) Does not contain REACH SVHC
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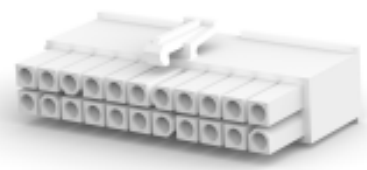
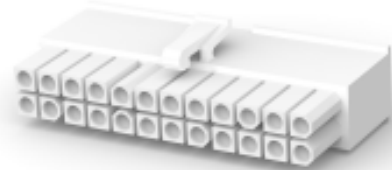

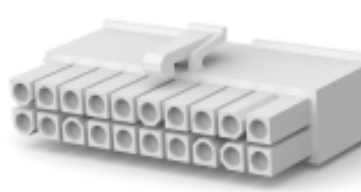






Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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Solder Process Capability	Not applicable for solder process capability
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Product Compliance Disclaimer

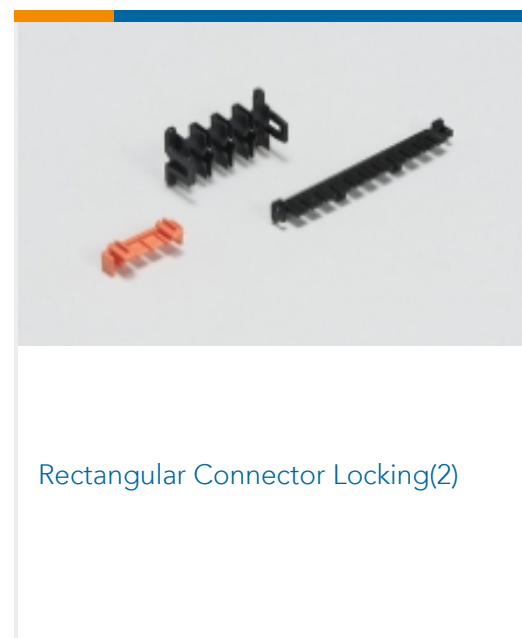
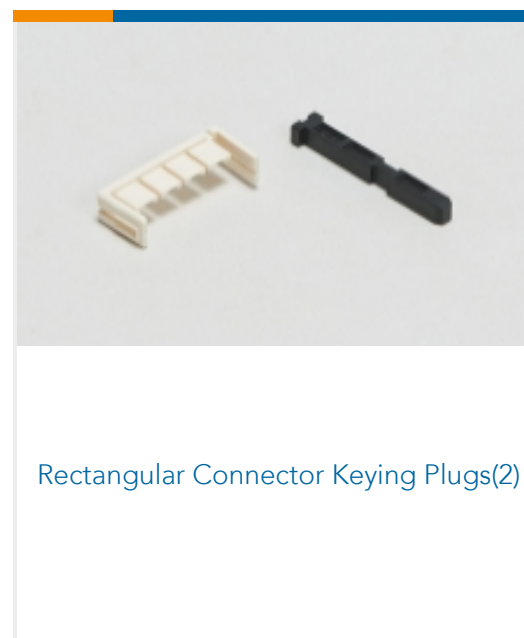
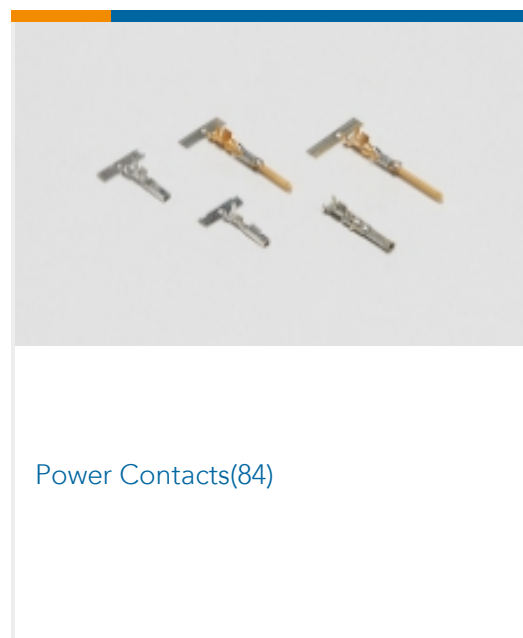
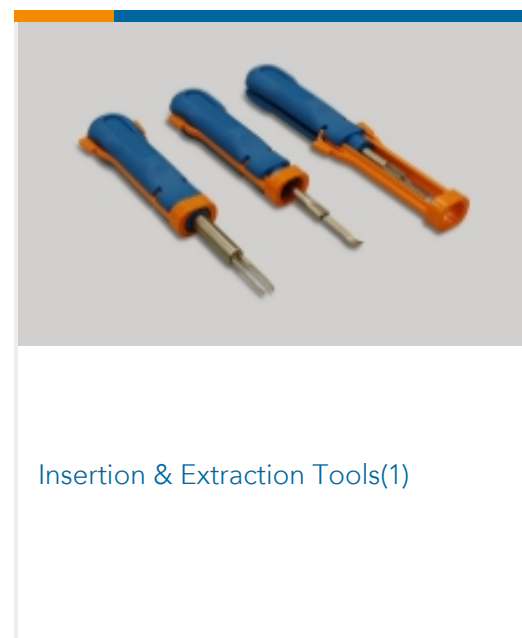
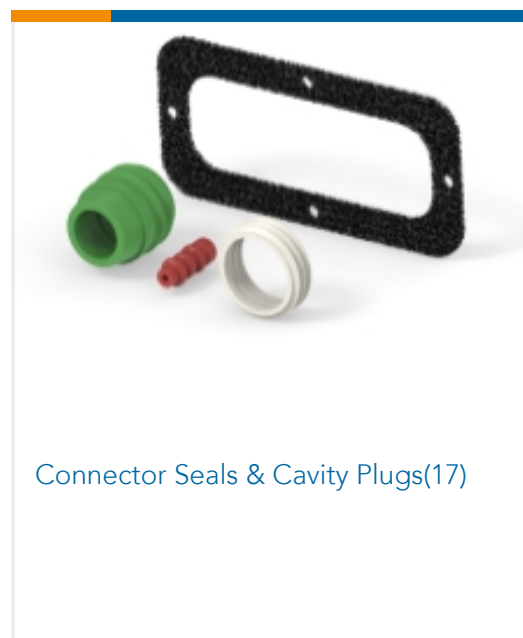
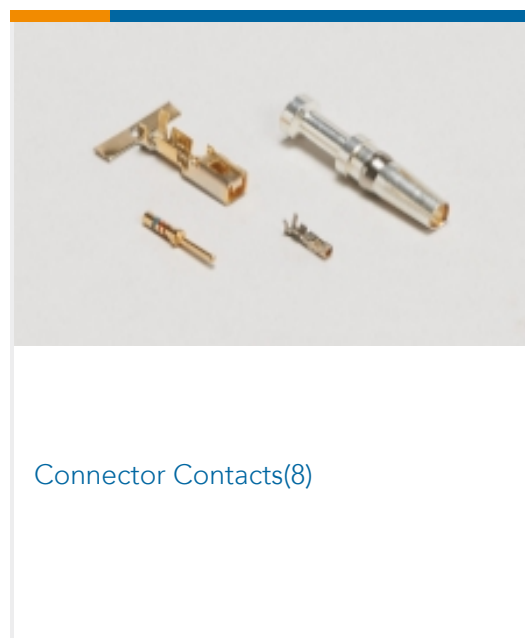
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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

 <p>TE Part # 189727-1 EXTRACTION TOOL</p>	 <p>TE Part # 455830-1 INSERTION TOOL</p>	 <p>TE Part # 770586-1 22P MINI UMNL PLUG HSG</p>	 <p>TE Part # 770587-1 24P MINI UMNL PLUG HSG</p>
 <p>TE Part # 770582-1 14P MINI UMNL PLUG HSG</p>	 <p>TE Part # 770585-1 20P MINI UMNL PLUG HSG</p>	 <p>TE Part # 172333-1 MINI UNIVERSAL M-N-L HOUSING</p>	 <p>TE Part # 770581-1 12P MINI UMNL PLUG HSG</p>
 <p>TE Part # 770580-1 10P MINI UMNL PLUG HSG</p>	 <p>TE Part # 770584-1 18P MINI UMNL PLUG HSG</p>	 <p>TE Part # 172328-1 MINI UNIVERSAL MATE-N-LOK CAP HOUSING 2P</p>	 <p>TE Part # 172330-1 MINI UNIVERSAL MATE-N-LOK CAP HOUSING 4P</p>



Also in the Series | Mini-Universal MATE-N-LOK



Customers Also Bought



TE Part #86571-2
RND WIRE RCPT L.P.



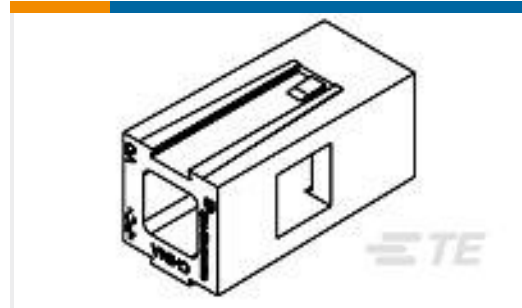
TE Part #D369-R99-NP1
369 9 WAY REC, CRIMP, PIN



TE Part #4-1630019-2
HSC200 250R 5%



TE Part #5-146254-3
06 MODII HDR DRST B/A .100CL



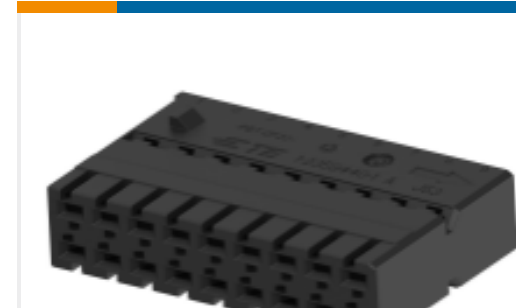
TE Part #1445960-1
MTG WING, 15/30/45A PWR PROD



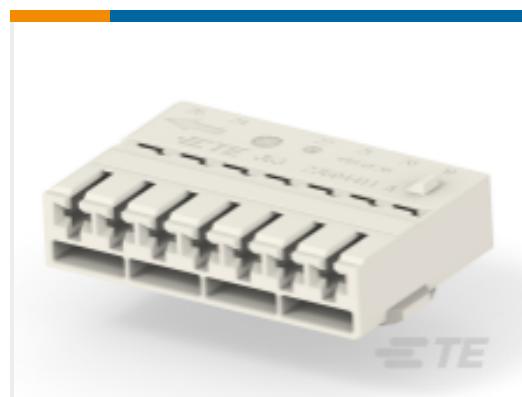
TE Part #YD369-P66-NP300000
369 6 WAY PLUG, 20/22 CONTACTS,
PIN



TE Part #556137-1
HSG, AMPINNERGY WTW, 1 POS,
WHITE



TE Part #1-2359440-1
18POS, AMP MCP 1.5K, REC HSG,
UNSLD



TE Part #2359441-1
7POS, AMP MCP 2.8, REC HSG, UNSLD

Documents

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_794407-4_F.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_794407-4_F.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_794407-4_F.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages

[SOFT_SHELL_PIN_AND_SOCKET_CONNECTORS_CATALOG](#)

English

Product Specifications



Application Specification

English

Product Environmental Compliance

TE Material Declaration

English