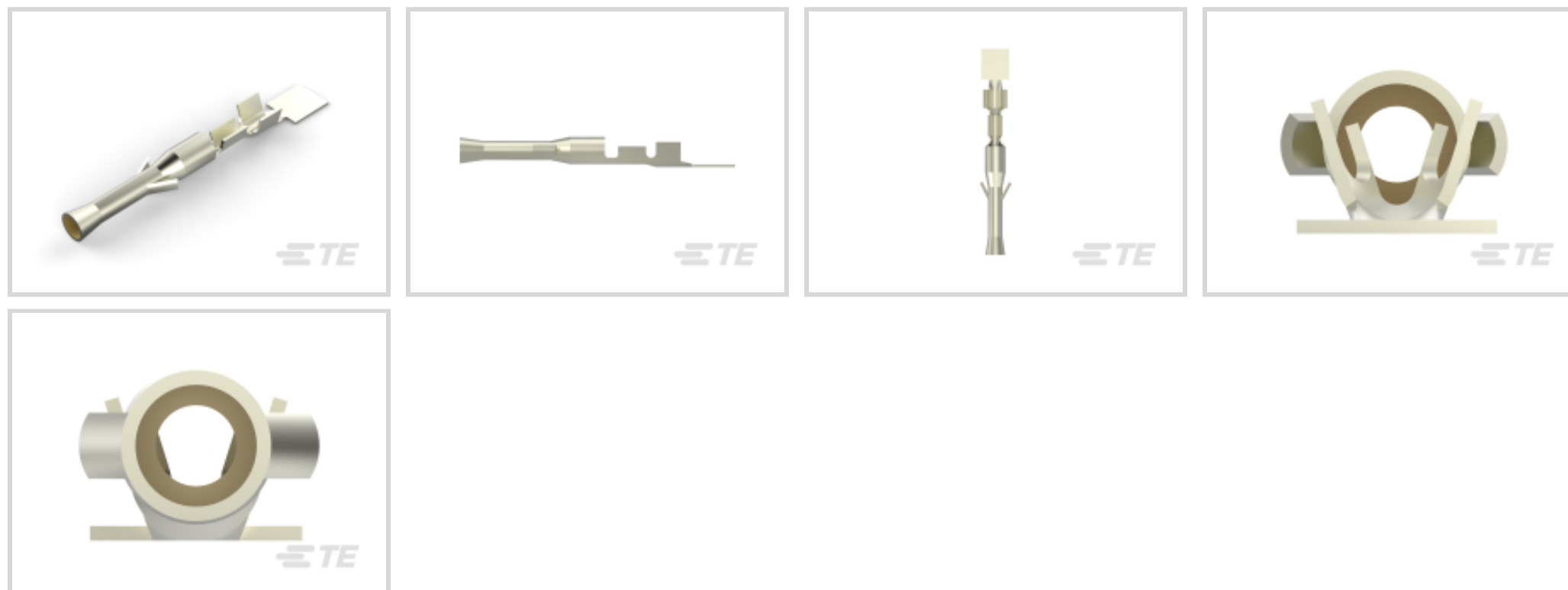




Connectors > Power Connectors > Power Contacts

Power Contact Type: **Contact**Operating Voltage: **250 VAC**Contact Mating Area Plating Material: **Gold**Wire Size: **.05 – .2 mm²**

Features

Product Type Features

Power Contact Type	Contact
Connector System	Wire-to-Wire
Connector & Contact Terminates To	Wire & Cable

Electrical Characteristics

Operating Voltage	250 VAC
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Contact Features

Contact Fabrication	Stamped & Formed
Contact Mating Area Plating Material	Gold
Contact Current Rating (Max)	9 A
Contact Type	Socket
Contact Retention Within Housing	With
Mating Pin Diameter	1.57 mm[.062 in]
Contact Base Material	Brass
Contact Mating Area Plating Material Thickness	.8 μm[31.49 μin]
Wire Contact Termination Area Plating Thickness	1.27 μm[50 μin]



Wire Contact Termination Area Plating Material	Nickel
Wire Contact Termination Area Plating Material Finish	Matte
Contact Orientation	Straight
Contact Underplating Material	Nickel
Contact Underplating Material Thickness	1.3 µm[51.18 µin]

Termination Features

Termination Method to Wire & Cable	Crimp
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Mechanical Attachment

Contact Retention Type Within Housing	Locking Lance
Connector Mounting Type	Cable Mount (Free-Hanging)
Wire Insulation Support	Without

Dimensions

Wire Size	.05 – .2 mm ²
Accepts Wire Insulation Diameter Range	1.52 mm[.06 in]

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

Glow Wire Rating	Standard Part - Not Glow Wire
VDE Tested	No
Agency/Standard	CSA, UL
CSA File Number	LR 7189
UL Rating	Recognized
UL File Number	E28476

Packaging Features

Packaging Method	Reel
Packaging Quantity	10000

Other

Wire/Cable Type	Discrete Wire
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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: JAN 2022 (223) SVHC > Threshold: Not Yet Reviewed
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

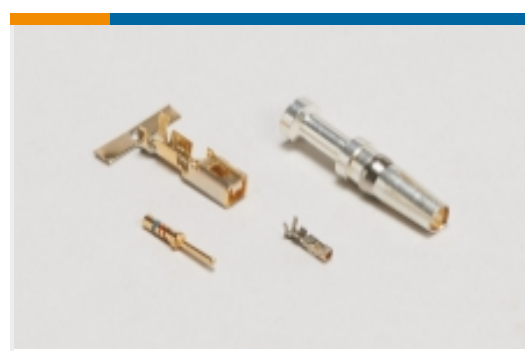


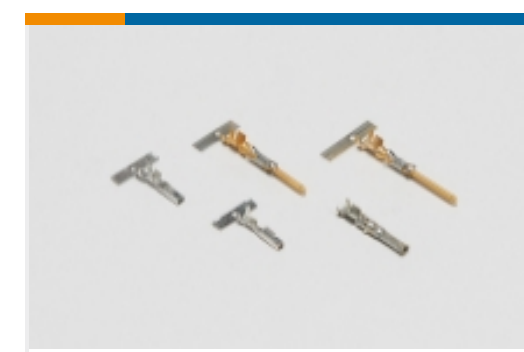
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight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

 <p>TE Part # 770278-1 01P .062 COMM P&S PLUG</p>	 <p>TE Part # 770334-1 04P .062 COMM P&S PLUG</p>	 <p>TE Part # 770277-1 01P .062 COMM P&S RECPT</p>	 <p>TE Part # 770335-1 04P .062 COMM P&S RECPT</p>
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 <p>TE Part # 770333-1 03P .062 COMM P&S RECPT</p>	 <p>TE Part # 770340-1 02P .062 COMM P&S PLUG</p>	 <p>TE Part # 770343-1 02P .062 COMM P&S RECPT</p>	 <p>TE Part # 770331-1 03P .062 COMM P&S PLUG</p>
 <p>TE Part # 770342-1 02P .062 COMM P&S RECPT</p>	 <p>TE Part # 770274-1 04P .062 COMM P&S RECPT</p>	 <p>TE Part # 770275-1 04P .062 COMM P&S PLUG</p>	 <p>TE Part # 770341-1 02P .062 COMM P&S PLUG</p>
 <p>TE Part # 770355-1 06P .062 COMM P&S PLUG</p>	 <p>TE Part # 770356-1 06P .062 COMM P&S RECPT</p>	 <p>TE Part # 770419-1 02P .062 COMM P&S RECPT</p>	 <p>TE Part # 770428-1 09P .062 COMM P&S PLUG</p>
 <p>TE Part # 770429-1 09P .062 COMM P&S RECEPT</p>	 <p>TE Part # 770433-1 04P .062 COMM P&S PLUG</p>	 <p>TE Part # 770441-1 04P .062 COMM P&S RECPT</p>	 <p>TE Part # 770442-1 04P .062 COMM P&S RECPT</p>

Also in the Series | Commercial Pin and Socket Connectors

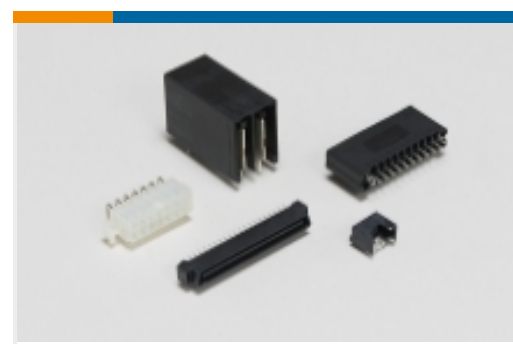
 <p>Connector Contacts(3)</p>	 <p>Crimp Wire Pins, Tabs & Ferrules(1)</p>	 <p>Insertion & Extraction Tools(3)</p>	 <p>Power Contacts(40)</p>
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Rectangular Connector Housings(11)

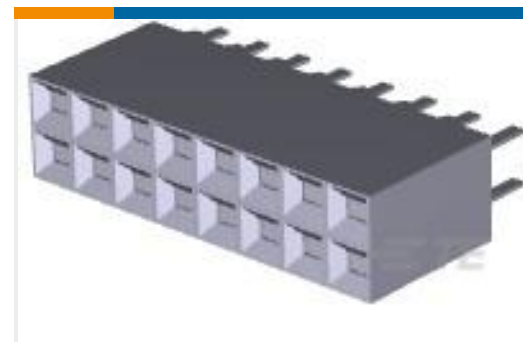
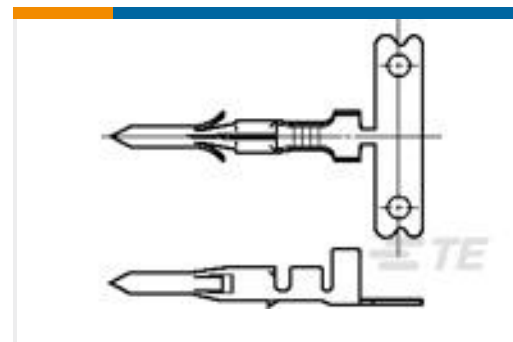
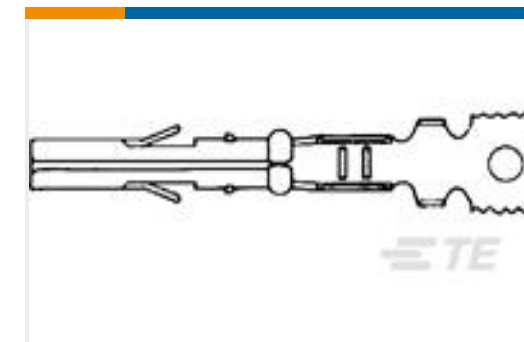
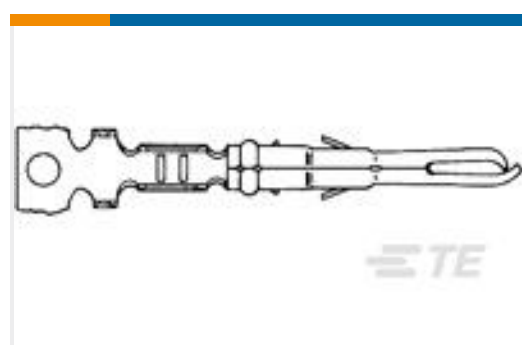
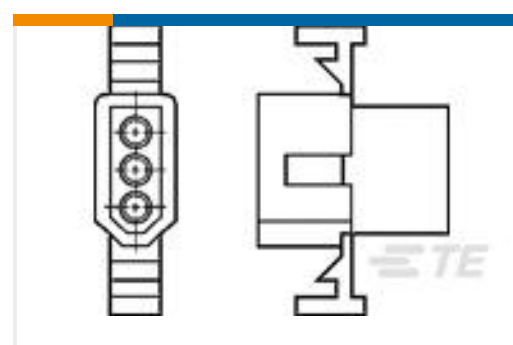
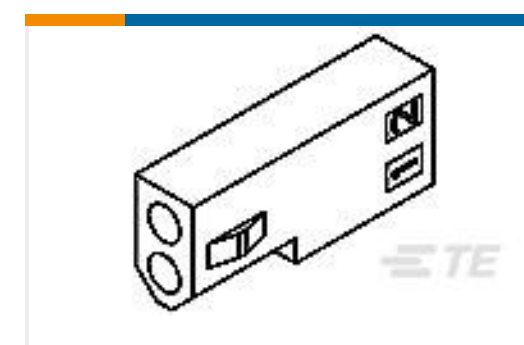


Rectangular Power Connectors(88)



Standard Rectangular Connectors(4)

Customers Also Bought

TE Part #201611-1
CONTACT PIN ASSY.TE Part #5-534206-8
16 MODII VRT DR CE 100/115TE Part #350629-5
.062 COMM P&S PIN AUNI/BRTE Part #641294-2
MR RECPT 26-18 AUNI/AUPHBZTE Part #350967-2
MR PIN AU/PHBZTE Part #770274-1
04P .062 COMM P&S RECPTTE Part #770341-1
02P .062 COMM P&S PLUGTE Part #770419-1
02P .062 COMM P&S RECPTTE Part #0662694002
MT2000-6.0-X-SP

Documents

Product Drawings

[.062 COMM P&S SOCKET AUPLBR](#)

English

CAD Files

[3D PDF](#)

3D

[Customer View Model](#)

[ENG_CVM_CVM_640392-5_AB.2d_dxf.zip](#)



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Customer View Model

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Customer View Model

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Datasheets & Catalog Pages

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Product Specifications

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