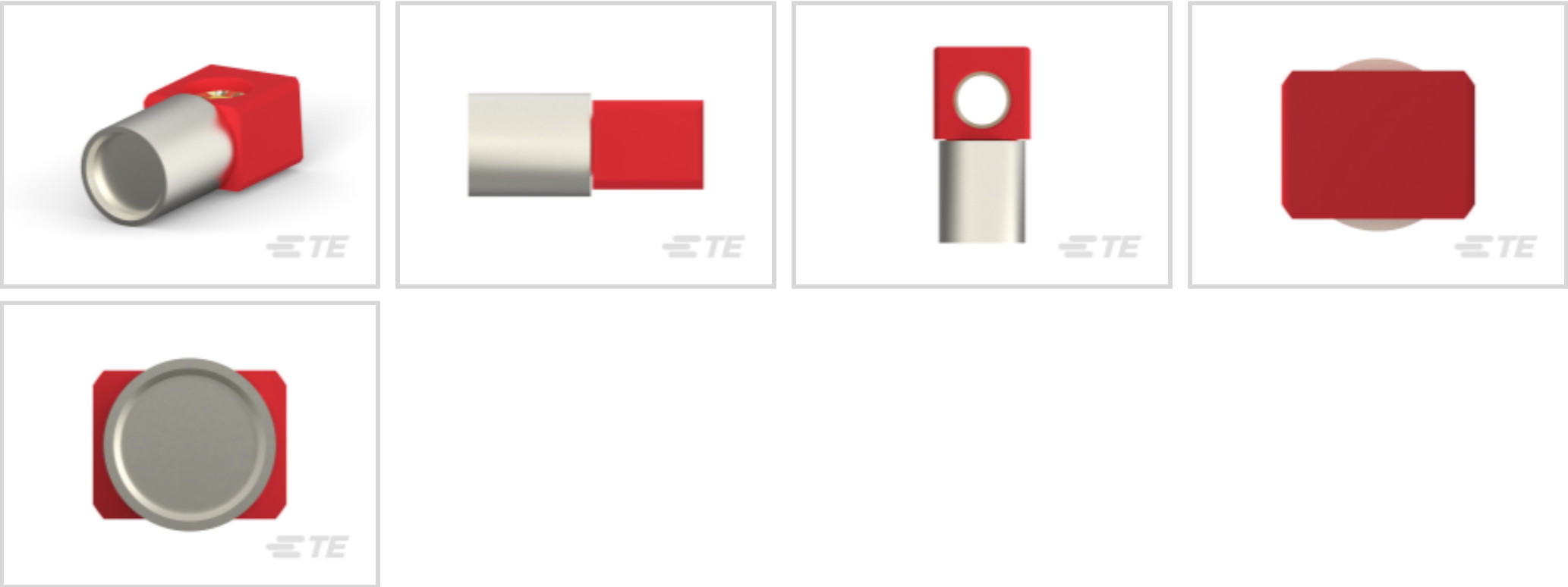




Connectors > Rectangular Connectors > Standard Rectangular Connectors



Connector Product Type: **Connector Assembly**

Connector & Housing Type: **Receptacle**

Termination Method to Wire & Cable: **Crimp**

Connector System: **Bus Bar-to-Wire**

Contact Mating Area Plating Material: **Gold (Au)**

Features

Product Type Features

Connector Product Type	Connector Assembly
Connector & Housing Type	Receptacle
Connector System	Bus Bar-to-Wire
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Power Positions	1
Number of Positions	1

Electrical Characteristics

Operating Voltage	48 VAC
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Body Features

Primary Product Color	Red
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Contact Features

Contact Underplating Material	Nickel
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Contact Mating Area Plating Material Thickness	.762 μm[30 μin]
Contact Layout	Circular
Contact Type	Socket
Contact Mating Area Plating Material	Gold (Au)
Contact Retention Within Housing	Without
Contact Current Rating (Max)	250 A

Termination Features

Termination Method to Wire & Cable	Crimp
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Mechanical Attachment

Connector Mounting Type	Cable Mount (Free-Hanging)
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Housing Features

Housing Material	Thermoplastic
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Dimensions

Connector Width	16.26 mm[.64 in]
Connector Height	12.45 mm[.49 in]
Wire Size	0 – 1 AWG
Connector Length	32.93 mm[1.29 in]

Usage Conditions

Operating Temperature Range	-65 – 105 °C[-85 – 221 °F]
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Operation/Application

Circuit Application	Power
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Industry Standards

UL Flammability Rating	UL 94V-0
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Packaging Features

Packaging Method	Box
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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	Not Yet Reviewed
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: JAN 2025  
(247)  
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



TE Part # 6648223-1  
CONTACT,PIN,#2



TE Part # 1410354-7  
MULTI-GIG GUIDEPIN, 9MM 2.60

Customers Also Bought



TE Part #5-5530843-0  
CONN SEC II 10 POS 100C/L



TE Part #G-NICO-001  
NI 1000 DIN 43760 KL.B SOT23



TE Part #6648224-1  
PIN CONTACT#4, SCREW MT, PRESS FIT



TE Part #5-1879743-7  
RP 1J 18R2 0.1% 15PPM CUT LENGTH



TE Part #6648239-2  
JUMPER,CRN SKT

Documents

Product Drawings

CONTACT,SKT,#0

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_6648234-2\_A.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_6648234-2\_A.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_6648234-2\_A.3d\_stp.zip

English

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

Datasheets & Catalog Pages

POWER\_CONNECTORS\_CATALOG\_SEC02\_CABLE\_MOUNTED

English

2\_PIECE\_POWER\_CONNECTORS\_qrg\_4-1773458-1

English

Product Specifications

Application Specification

English

Agency Approvals

Agency Approval Document

English