



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	Black
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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	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: JAN 2025
(247)
Candidate List Declared Against: JAN 2025
(247)
Does not contain REACH SVHC

Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
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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

		
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Customers Also Bought

			
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TE Part #3-1478985-0

SMA PLG DUST CAP & CHAIN GB



TE Part #6648239-1

JUMPER,CRN SKT



TE Part #1651003-1

901-0121-32031=BOOT,INSULATING



TE Part #2042202-2

Jumper, crown socket, size #2, #4 AWG

Documents

Product Drawings

CONTACT,SKT,#0

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_6648234-1_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_6648234-1_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_6648234-1_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