



Connectors > Rectangular Connectors > Standard Rectangular Connectors



Connector Product Type: **Connector Assembly**

Connector & Housing Type: **Receptacle**

Mating Alignment: **With**

Mating Alignment Type: **Polarization**

Mating Retention: **With**

Features

Product Type Features

Connector Type	Connector Assembly
Connector Product Type	Connector Assembly
Connector & Housing Type	Receptacle
Connector System	Wire-to-Panel, Wire-to-Wire
Sealable	No

Configuration Features

Preloaded	Yes
Number of Positions	8
Number of Rows	1

Electrical Characteristics

Operating Voltage	32 VDC
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Contact Features

Contact Layout	Inline
Contact Type	Socket
Multiple Contact Types	Without
Shunts/Shorting Bars	Without
Contact Underplating Material	Nickel
Contact Mating Area Plating Material	Gold



Contact Retention Within Housing	Without
Contact Current Rating (Max)	3 A

Termination Features

Termination Method to Wire & Cable	Crimp
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Mechanical Attachment

Panel Mount	Yes
PCB Mount Alignment	Without
Panel Mount Feature	With
Panel Mount Feature Type	Locking Latch
Mating Alignment	With
Mating Alignment Type	Polarization
Mating Retention	With
Mating Retention Type	Latch
PCB Mount Retention	Without
Connector Mounting Type	Panel Mount

Housing Features

Housing Color	Black
Housing Material	Thermoplastic GF
	.079 in

Dimensions

Width	16 mm[.627 in]
Panel Thickness	1 – 2 mm[.039 – .078 in]
Height	30 mm[1.181 in]
Length	23.8 mm[.937 in]

Usage Conditions

Operating Temperature Range	-30 – 75 °C[-22 – 167 °F]
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Operation/Application

Assembly Integration Feature	Without
For Use With	Header
Halogen Free	Yes
Shielded	No
Circuit Application	Signal



Identification Marking

Circuit Identification Feature	Without
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Industry Standards

UL Flammability Rating	UL 94V-0
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Packaging Features

Packaging Quantity	50
Packaging Method	Bag

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

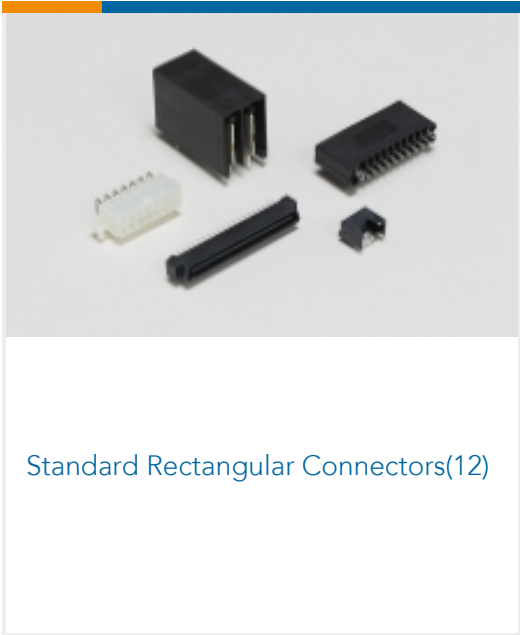
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight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



Also in the Series

RITS Junction Box Panel Mount or Free Hanging



Documents

Product Drawings

RITS.JUNCTION BOX 2D 8P P/M

Japanese

CAD Files

3D PDF

English

Customer View Model

ENG_CVM_1473571-8_A.3d_igs.zip

English

Customer View Model

ENG_CVM_1473571-8_A.3d_stp.zip

English

Customer View Model

ENG_CVM_1473571-8_A.2d_dxf.zip

English

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

Datasheets & Catalog Pages

Remote Input Output Terminal System (RITS) Connectors

English

Product Specifications

Product Specification

Japanese



Instruction Sheets

Instruction Sheet (non U.S.)

Japanese

RITS Connector Interconnection System/e-CON Connector

Japanese