



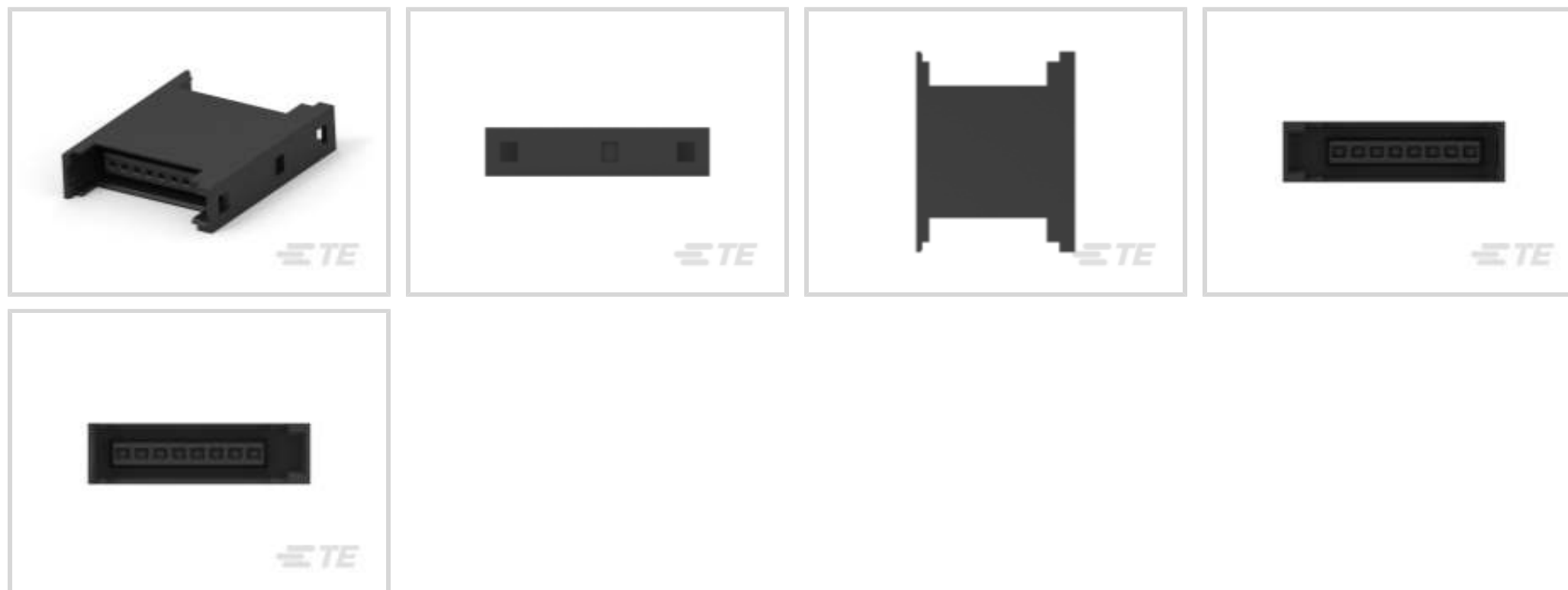
RITS | RITS Junction Box Panel Mount or Free Hanging

TE Internal #: 5-1473571-8

Standard Rectangular Connectors, Connector Assembly, Receptacle, Mating Alignment, RITS Junction Box Panel Mount or Free Hanging

[View on TE.com >](#)

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 Product Type	Connector Assembly
Connector & Housing Type	Receptacle
Connector System	Wire-to-Wire
Sealable	No
Connector & Contact Terminates To	Wire & Cable

**Configuration Features**

Contacts 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



Contact Underplating Material	Nickel
Contact Mating Area Plating Material	Gold
Contact Retention Within Housing	Without
Contact Current Rating (Max)	3 A

#### Mechanical Attachment

PCB Mount Alignment	Without
PCB Mount Retention	Without
Mating Alignment	With
Mating Alignment Type	Polarization
Mating Retention	With
Mating Retention Type	Latch

#### Housing Features

Housing Material	Thermoplastic GF
Housing Color	Black
	.079 in

#### Dimensions

Connector Height	30 mm[1.181 in]
Product Width	16 mm[.627 in]
Product Length	23.8 mm[.937 in]

#### Usage Conditions

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

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	100
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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 2023 (235) Candidate List Declared Against: JUNE 2023 (235) 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](#)



Standard Rectangular Connectors(12)

## Customers Also Bought

TE Part #1-178288-3  
DYNAMIC DD3100 REC HSG 3P (SGL)TE Part #1473574-3  
RITS.JUNCTION BOX 4D 3P P/MTE Part #5-1473571-3  
RITS.JUNCTION BOX 2D 3P F/HTE Part #1-2040021-3  
Receptacle and Tab Housing: 5.08 or  
10.16 mm pitch, 250-600VTE Part #1-2069829-4  
Receptacle and Tab Housing: 2.5 mm  
Pitch, 250VTE Part #1903146-1  
DYNAMIC D-5 DYNATAP 12P ASSY P  
/M FRONTTE Part #1903146-2  
DYNAMIC D-5 DYNATAP 12P ASSY P  
/M BOTTOMTE Part #1971239-1  
D5200 REC CABLE CLAMP 4P(2ROW)  
KIT X-X

## Documents

### Product Drawings

RITS.JUNCTION BOX 2D 8P F/H

Japanese

### CAD Files

3D PDF

English

Customer View Model

[ENG\\_CVM\\_5-1473571-8\\_A.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_5-1473571-8\\_A.3d\\_stp.zip](#)

English

Customer View Model

[ENG\\_CVM\\_5-1473571-8\\_A.2d\\_dxf.zip](#)

English

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



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**Datasheets & Catalog Pages**

[Remote Input Output Terminal System \(RITS\) Connectors](#)

English

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**Product Specifications**

[Product Specification](#)

Japanese

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**Instruction Sheets**

[Instruction Sheet \(non U.S.\)](#)

Japanese

[RITS Connector Interconnection System/e-CON Connector](#)

Japanese