



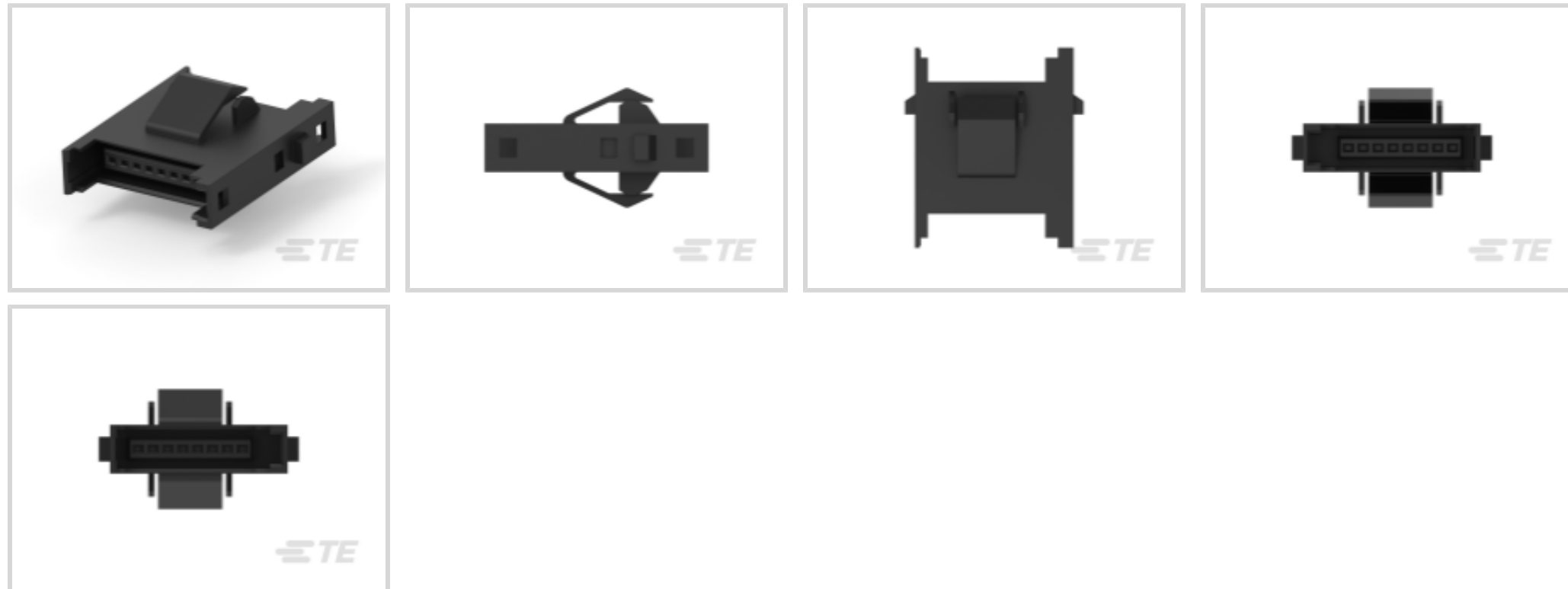
RITS | RITS Junction Box Panel Mount or Free Hanging

TE Internal #: 1473571-8

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

[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-Panel, Wire-to-Wire
Sealable	No

**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

#### Termination Features

Termination Method to Wire & Cable	Crimp
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#### Mechanical Attachment

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

#### 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	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 2024 (241) Candidate List Declared Against: JUNE 2024 (241) 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**

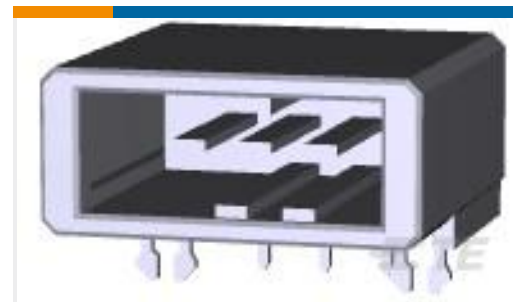


## Also in the Series | RITS Junction Box Panel Mount or Free Hanging



Standard Rectangular Connectors(12)

## Customers Also Bought

TE Part #1376137-2  
DYNAMIC D2100 HDR H ASSY 20P YTE Part #353717-2  
Contact: Component To Wire; 15A, 28-14 wire sizeTE Part #1-178293-3  
DYNAMIC D3100 HDR H 3P ASSYTE Part #1-1827876-6  
DYNAMIC 1200D HDR ASSY H 12PX BLACK GOLDTE Part #2-1318119-4  
DYNAMIC D2100 REC HSG 8P DBL YTE Part #2-1473562-4  
RITS CONN. PLUG ASSY 4P BLUETE Part #1473565-6  
RITS CONN.HDR ASSY 6PTE Part #5-1473571-3  
RITS.JUNCTION BOX 2D 3P F/H

## 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