



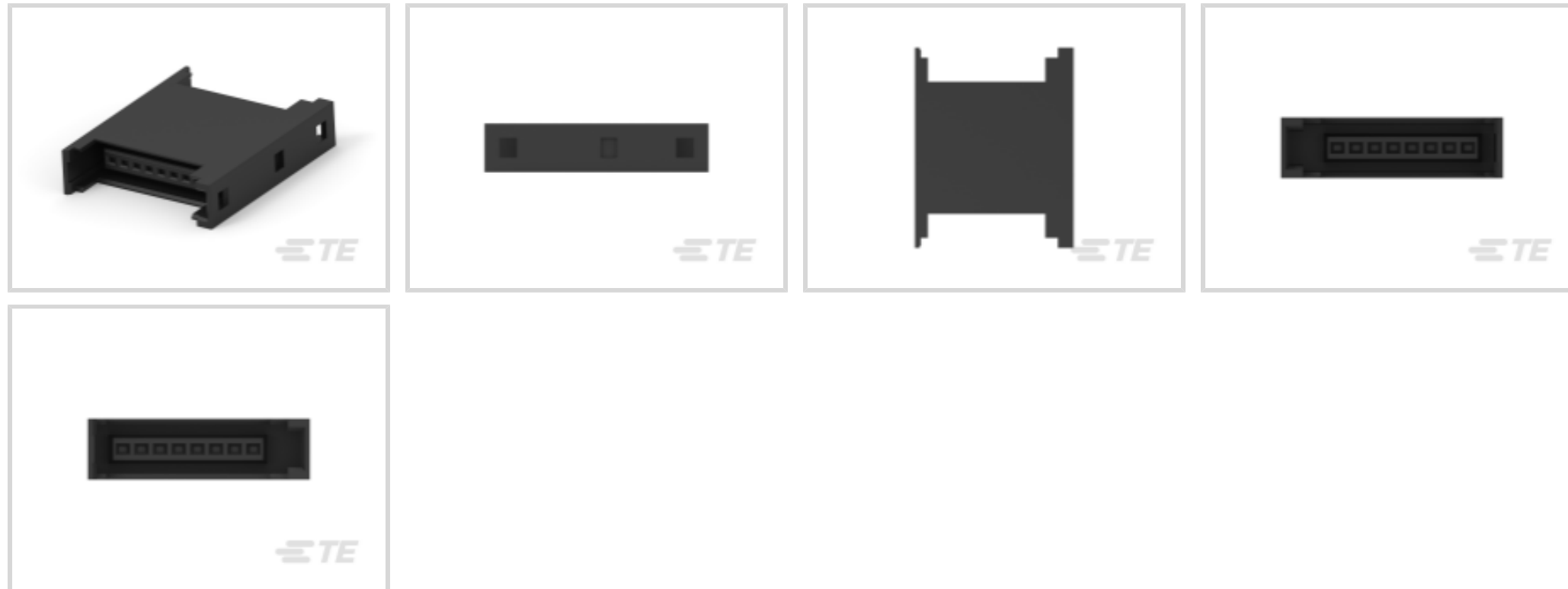
RITS | RITS Junction Box Panel Mount or Free Hanging

TE Internal #: 5-1473571-8

Connector Assembly, Receptacle, Wire-to-Wire, Gold (Au), RITS Junction Box Panel Mount or Free Hanging, Rectangular Wire & Cable Connectors & Housings

[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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Body Features

Primary Product Color	Black
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Contact Features

Contact Underplating Material	Nickel
Contact Layout	Inline
Contact Type	Socket
Contact Mating Area Plating Material	Gold (Au)
Contact Retention Within Housing	Without
Contact Current Rating (Max)	3 A

Mechanical Attachment

Mating Alignment	With
Mating Alignment Type	Polarization
Mating Retention	With
Mating Retention Type	Latch

Housing Features

Housing Material	Thermoplastic GF
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Dimensions

Connector Width	16 mm[.627 in]
Connector Height	30 mm[1.181 in]
Connector 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 Method	Bag
Packaging Quantity	100



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.
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 # 2-1473562-8
RITS CONN. PLUG ASSY 8P BLUE

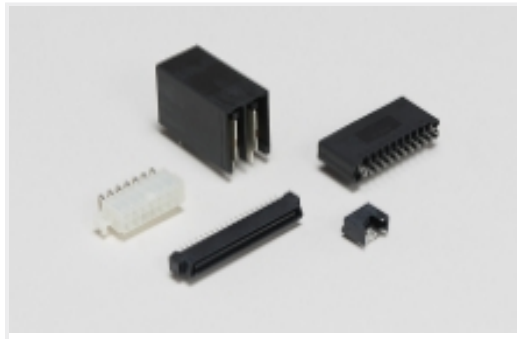


TE Part # 1-2295044-8
RITS CONN. PLUG ASSY 8P RED TIN



TE Part # 1473562-8
RITS CONN. PLUG ASSY 8P YELLOW

Also in the Series | [RITS Junction Box Panel Mount or Free Hanging](#)



Standard Rectangular Connectors(12)

Customers Also Bought



TE Part #1746741-4
RITS CONN. SOCKET ASSY 4P
YELLOW



TE Part #2-1473562-6
RITS CONN. PLUG ASSY 6P BLUE



TE Part #5-1473571-3
RITS.JUNCTION BOX 2D 3P F/H



TE Part #1903146-1
DYNAMIC D-5 DYNATAP 12P ASSY P
/M FRONT



TE Part #1473571-6
RITS.JUNCTION BOX 2D 6P P/M



TE Part #1473574-3
RITS.JUNCTION BOX 4D 3P P/M



TE Part #1473571-8
RITS.JUNCTION BOX 2D 8P P/M



TE Part #1827691-3
DYNATAP 3200 TAP ASSY 24P
BOTTOM MOUNT



TE Part #5-1473571-6
RITS.JUNCTION BOX 2D 6P F/H



TE Part #4-1473562-8
RITS CONN. PLUG ASSY 8P GREEN

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.

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

Agency Approvals

[UL Report](#)

English