

5-1473571-8 ✓ ACTIVE



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

Configuration Features

| | |
|---------------------|-----|
| Preloaded | Yes |
| Number of Positions | 8 |
| Number of Rows | 1 |

Electrical Characteristics

| | |
|-------------------|--------|
| Operating Voltage | 32 VDC |
|-------------------|--------|

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 |
|------------------------------|-----|

Mechanical Attachment

| | |
|-------------|----|
| Panel Mount | No |
|-------------|----|

| | |
|---------------------|---------|
| PCB Mount Alignment | Without |
|---------------------|---------|

| | |
|------------------|------|
| Mating Alignment | With |
|------------------|------|

| | |
|-----------------------|--------------|
| Mating Alignment Type | Polarization |
|-----------------------|--------------|

| | |
|------------------|------|
| Mating Retention | With |
|------------------|------|

| | |
|-----------------------|-------|
| Mating Retention Type | Latch |
|-----------------------|-------|

| | |
|---------------------|---------|
| PCB Mount Retention | Without |
|---------------------|---------|

Housing Features

| | |
|---------------|-------|
| Housing Color | Black |
|---------------|-------|

| | |
|------------------|------------------|
| Housing Material | Thermoplastic GF |
|------------------|------------------|

| | |
|--|---------|
| | .079 in |
|--|---------|

Dimensions

| | |
|-------|----------------|
| Width | 16 mm[.627 in] |
|-------|----------------|

| | |
|--------|-----------------|
| Height | 30 mm[1.181 in] |
|--------|-----------------|

| | |
|--------|------------------|
| Length | 23.8 mm[.937 in] |
|--------|------------------|

Usage Conditions

| | |
|-----------------------------|---------------------------|
| Operating Temperature Range | -30 – 75 °C[-22 – 167 °F] |
|-----------------------------|---------------------------|

Operation/Application

| | |
|------------------------------|---------|
| Assembly Integration Feature | Without |
|------------------------------|---------|

| | |
|--------------|--------|
| For Use With | Header |
|--------------|--------|

| | |
|--------------|-----|
| Halogen Free | Yes |
|--------------|-----|

| | |
|----------|----|
| Shielded | No |
|----------|----|

| | |
|---------------------|--------|
| Circuit Application | Signal |
|---------------------|--------|

Identification Marking

| | |
|--------------------------------|---------|
| Circuit Identification Feature | Without |
|--------------------------------|---------|

Industry Standards

| | |
|------------------------|----------|
| UL Flammability Rating | UL 94V-0 |
|------------------------|----------|

Packaging Features



| | |
|--------------------|-----|
| Packaging Quantity | 100 |
| 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](#)



Standard Rectangular Connectors(12)

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