



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 | 3 |
| Number of Rows | 2 |

Electrical Characteristics

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

Contact Features

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

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 | 22.5 mm[.885 in] |
| Product Length | 13.8 mm[.543 in] |
| Row-to-Row Spacing | 6.5 mm[.256 in] |

Usage Conditions

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

Operation/Application

| | |
|---------------------|--------|
| 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 | 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 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>

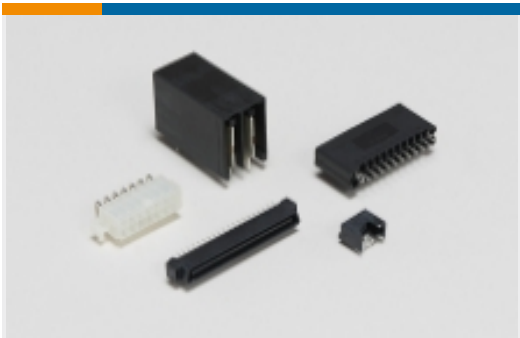
Compatible Parts



TE Part # 1-2295044-3
RITS CONN. PLUG ASSY 3P RED TIN



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



[Standard Rectangular Connectors\(12\)](#)

Customers Also Bought



TE Part #2-179553-2
Receptacle and Tab Housing: 5.08 mm Pitch, 250-600V



TE Part #917804-2
DYNAMIC D-5 TAB CONT. S L/P



TE Part #178325-3
DYNAMIC D3100D HDR V 10P ASSY AU076



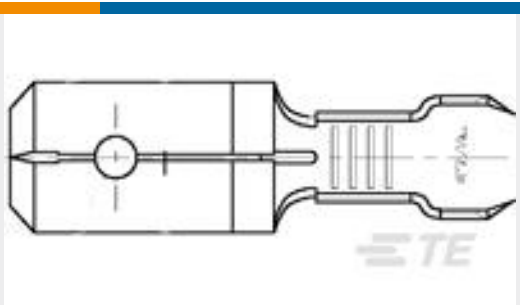
TE Part #2-1473562-3
RITS CONN. PLUG ASSY 3P BLUE AU076



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



TE Part #1-1903128-6
DYNAMIC 1100D TAB HSG 32P P/M



TE Part #42474-3
250 FASTON TAB 18-14 AWG BR

Documents

Product Drawings

[RITS.JUNCTION BOX 4D 3P P/M](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_1473574-3_P.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1473574-3_P.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1473574-3_P.3d_stp.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