# 3-1473562-8 ✔ ACTIVE

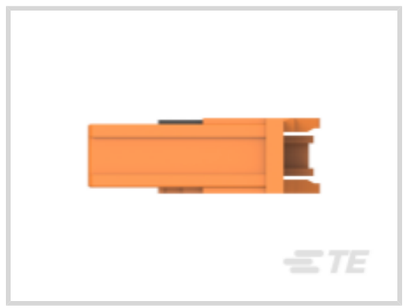
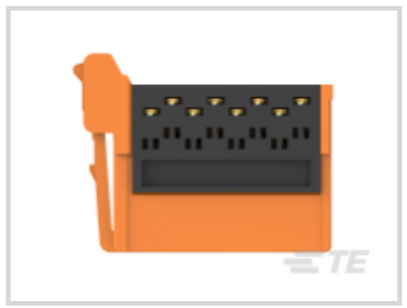
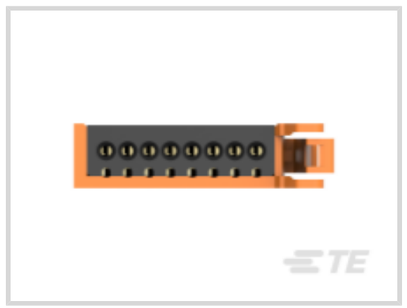
RITS | RITS Plug Connector

TE Internal #: 3-1473562-8

8 Position, Plug, Connector Assembly, Crimp, Wire-to-Board, Gold (Au), UL 94V-0, .079 in Centerline, 1 Row, Wire & Cable, Signal, RITS Plug Connector

View on TE.com >

Connectors > Rectangular Connectors > Standard Rectangular Connectors


Connector Product Type: **Connector Assembly**

Mating Alignment: **With**

Mating Alignment Type: **Polarization**

Connector & Housing Type: **Plug**

Mating Retention Type: **Latch**

## Features

### Product Type Features

| | |
|---|---|
| Connector Product Type | Connector Assembly |
| Connector & Housing Type | Plug |
| Connector System | Wire-to-Board |
| 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 |

### Body Features

| | |
|---|---|
| Primary Product Color | Orange |

## Contact Features

| | |
|---|---|
| Contact Underplating Material | Nickel |
| Wire Contact Termination Area Plating Material | Nickel |
| Contact Layout | Inline |
| Contact Type | Tab |
| Contact Mating Area Plating Material | Gold (Au) |
| Contact Retention Within Housing | Without |
| Contact Current Rating (Max) | 3 A |

## Termination Features

| | |
|---|---|
| Termination Method to Wire & Cable | Crimp |

## Mechanical Attachment

| | |
|---|---|
| Mating Alignment | With |
| Mating Alignment Type | Polarization |
| Mating Retention Type | Latch |
| Mating Retention | With |
| Connector Mounting Type | Cable Mount (Free-Hanging) |

## Housing Features

| | |
|---|---|
| Housing Material | Thermoplastic GF |
| | .079 in |

## Dimensions

| | |
|---|---|
| Connector Width | 5.05 mm[.198 in] |
| Connector Height | 18.5 mm[.728 in] |
| Connector Length | 24.1 mm[.948 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

| | |
|---|---|
| Glow Wire Rating | Standard Part - Not Glow Wire |
| UL Flammability Rating | UL 94V-0 |

### Packaging Features

| | |
|---|---|
| Packaging Quantity | 20 |
| Packaging Method | Tube |

## 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 2025 (250)<br>Candidate List Declared Against: JUNE 2025 (250)<br>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 # 2217480-1
KIT, BTLI, SDE OPEN HEAD

TE Part # 2432945-2
SDE RITS PLUG DIE ASSY



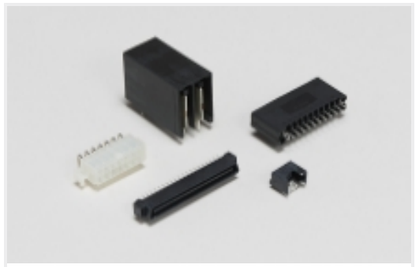
TE Part # 2217480-2
KIT, BTLI, SDE OPEN HEAD

TE Part # 2432945-1
SDE RITS PLUG ASSY



TE Part # 2362810-1
SDE CRIMP HAND TOOL FRAME W /O DIES

## Also in the Series | RITS Plug Connector



Standard Rectangular Connectors(32)



Wire-to-Board Connector Assemblies & Housings(32)

## Customers Also Bought



TE Part #178964-5
DYNAMIC D-3 W-T-W TAB HSG 10P



TE Part #2-917659-5
DYNAMIC 3200 D/ROW REC HSG 10P



TE Part #1318106-1
DYNAMIC D-2000 REC CONT S



TE Part #1473565-6
RITS CONN.HDR ASSY 6P



TE Part #1-1747276-3
DYNAMIC D4200 REC HSG3P/X



TE Part #CAT-D9934-A15
Contact: Component To Wire; 3-5A, 30-18 Wire Size



TE Part #CAT-D9934-A15B
Receptacle and Tab Housing: 2.5 mm Pitch, 250V

# Documents

## Product Drawings

RITS CONN. PLUG ASSY 8P ORANGE

English

## CAD Files

Customer View Model

ENG_CVM_CVM_3-1473562-8_F.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_3-1473562-8_F.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_3-1473562-8_F.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

Instruction Sheet (non U.S.)

Japanese

HAND TOOL FOR RITS PLUG SOCKET ASSEMBLY

Japanese

## Agency Approvals

UL Report

English