

1-1473562-8 ✓ ACTIVE

RITS | RITS Plug Connector

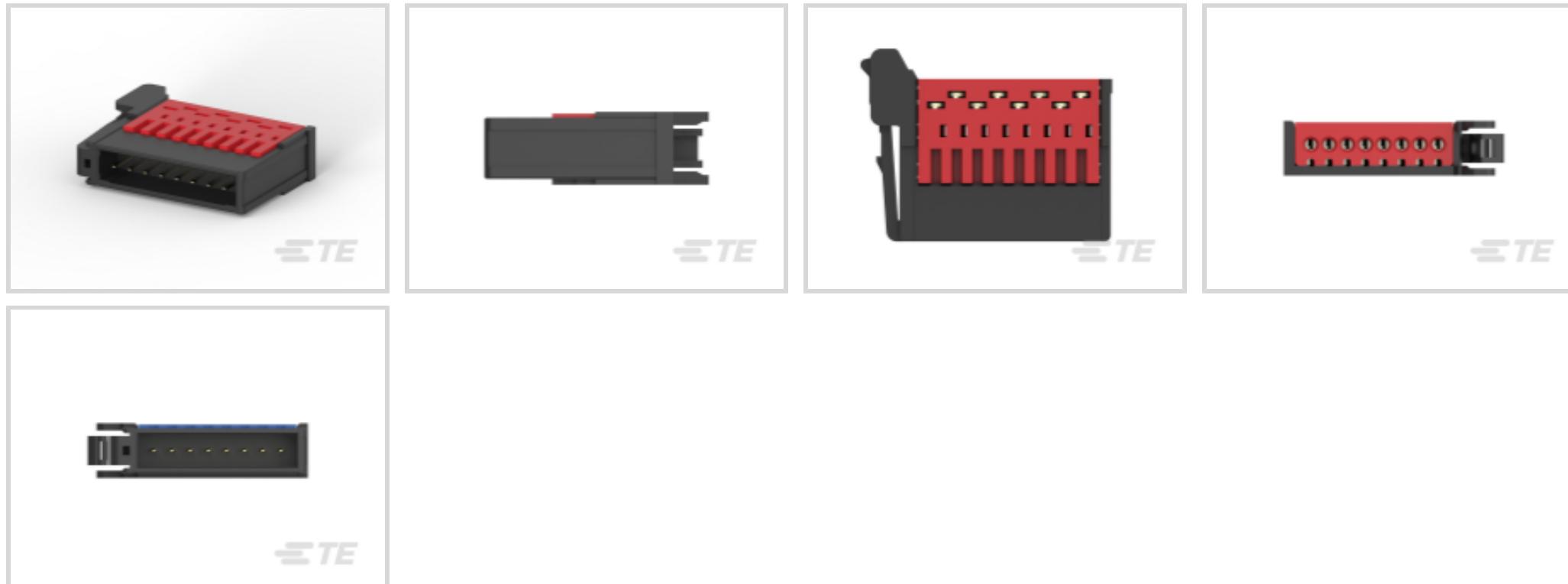
TE Internal #: 1-1473562-8

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



Number of Positions: 8

Connector & Housing Type: Plug

Connector Product Type: Connector Assembly

Mating Alignment: With

Mating Alignment Type: Polarization

Features

Product Type Features

Connector & Housing Type	Plug
Connector Product Type	Connector Assembly
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	Red
-----------------------	-----

Contact Features

Contact Underplating Material	Nickel
Wire Contact Termination Area Plating Material	Gold
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	With
Mating Retention Type	Latch
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

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

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

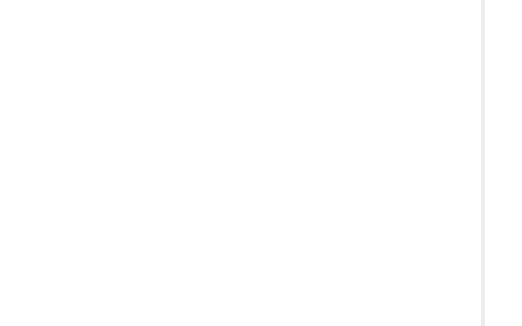
For compliance documentation, visit the product page on TE.com>

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: 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

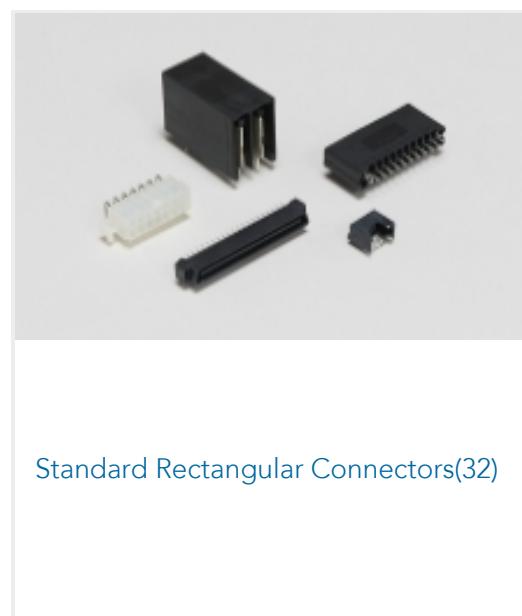
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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

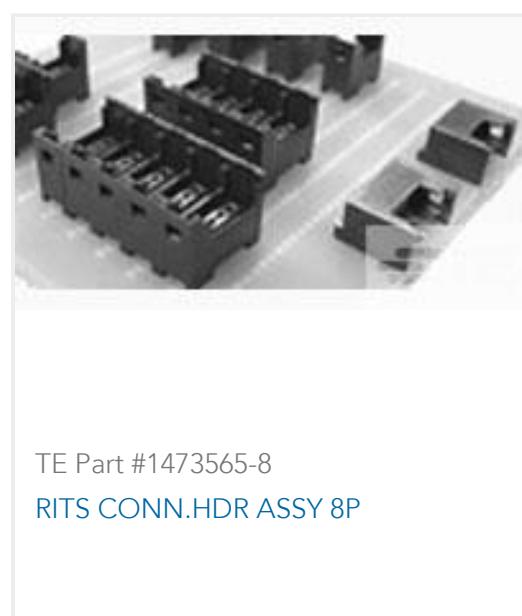
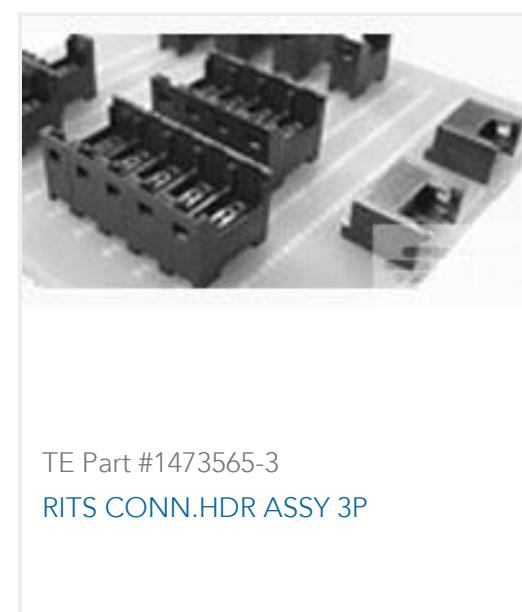
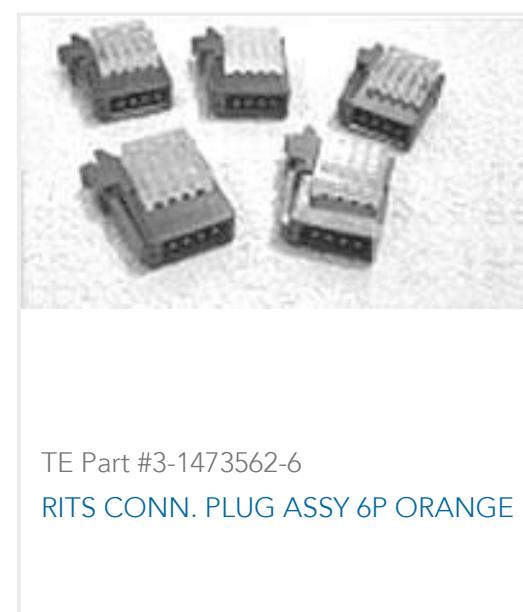
  TE Part # 2217480-2 KIT, BTLI, SDE OPEN HEAD	  TE Part # 2432945-1 SDE RITS PLUG ASSY	  TE Part # 2362810-1 SDE CRIMP HAND TOOL FRAME W/O DIES	  TE Part # 2432945-2 SDE RITS PLUG DIE ASSY
--	--	--	--



Also in the Series | RITS Plug Connector



Customers Also Bought



Documents

Product Drawings

[RITS CONN. PLUG ASSY 8P RED](#)

English

CAD Files

[Customer View Model](#)

[ENG_CVM_CVM_1-1473562-8_F.2d_dxf.zip](#)

English

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_1-1473562-8_F.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-1473562-8_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