2-1473562-3 ✔ ACTIVE

RITS | RITS Plug Connector

TE Internal #: 2-1473562-3

Connector Assembly, Plug, Crimp, Wire-to-Board / Wire-to-Wire, Gold (Au), RITS Plug Connector, Rectangular Wire & Cable Connectors & Housings

View on TE.com >

Connectors > Rectangular Connectors > Standard Rectangular Connectors

Connector Product Type: **Connector Assembly**

Connector & Housing Type: **Plug**

Mating Alignment: **With**

Mating Alignment Type: **Polarization**

Mating Retention: **With**

Features

Product Type Features

Connector Product Type	Connector Assembly
Connector & Housing Type	Plug
Connector System	Wire-to-Board, Wire-to-Wire
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Contacts Preloaded	Yes
Number of Positions	3
Number of Rows	1

Electrical Characteristics

Operating Voltage	32 VDC

Body Features

Primary Product Color	Blue

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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
Centerline (Pitch)	2 mm[.079 in]

Dimensions

Compatible Insulation Diameter Range	1.15 – 1.35 mm[.045 – .053 in]
Connector Width	5.05 mm[.198 in]
Connector Height	18.5 mm[.728 in]
Connector Length	14.1 mm[.555 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

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Industry Standards

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

Packaging Features

Packaging Quantity	36
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

2-1473562-3

Connector Assembly, Plug, Crimp, Wire-to-Board / Wire-to-Wire, Gold (Au), RITS
Plug Connector, Rectangular Wire & Cable Connectors & Housings

TE Part # 1473565-3
RITS CONN.HDR ASSY 3P

TE Part # 1473571-3
RITS.JUNCTION BOX 2D 3P P/M

TE Part # 5-1473574-3
RITS.JUNCTION BOX 4D 3P F/H

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

TE Part # 4-1473562-3
RITS CONN. PLUG ASSY 3P GREEN
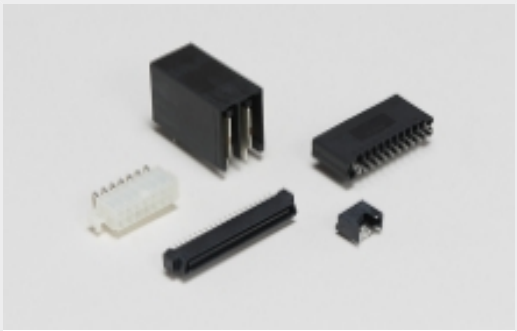
TE Part # 5-1473571-3
RITS.JUNCTION BOX 2D 3P F/H

TE Part # 1-1473562-3
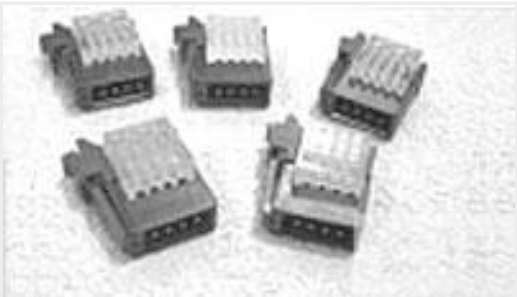RITS CONN. PLUG ASSY 3P RED

TE Part # 1565994-3
RITS HDR ASSY R/A SMT TYPE 3P
WITH BOSS

Also in the Series | RITS Plug Connector

Standard Rectangular Connectors(32)

Customers Also Bought

TE Part #2-1473562-4
RITS CONN. PLUG ASSY 4P BLUE
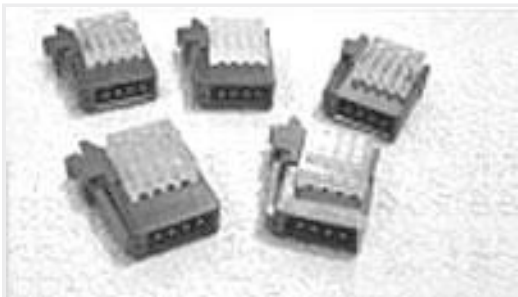
TE Part #487576-6
14 ZIF LINE 50 ASSY

TE Part #350429-4
03P UMNL PIN HDR ASSY NATL LF

TE Part #2-1746741-4
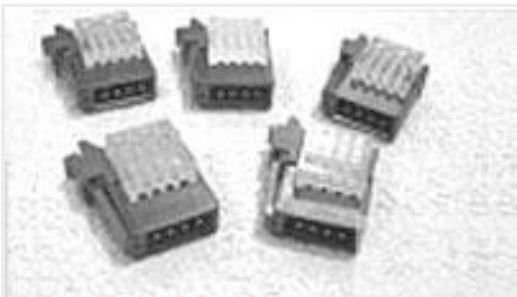RITS CONN. SOCKET ASSY 4P BLUE

TE Part #1746741-3
RITS CONN. SOCKET ASSY 3P
YELLOW

TE Part #4-1473562-3
RITS CONN. PLUG ASSY 3P GREEN

TE Part #640900-3
05P UMNL PIN HDR ASSY 94VO LF

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

Connector Assembly, Plug, Crimp, Wire-to-Board / Wire-to-Wire, Gold (Au), RITS
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TE Part #5-146285-8
08 MODII HDR SRST B/A .100CL

TE Part #3-1473562-3
RITS CONN. PLUG ASSY 3P ORANGE

Documents

Product Drawings
RITS CONN. PLUG ASSY 3P BLUE

English

CAD Files
Customer View Model
ENG_CVM_CVM_2-1473562-3_F.2d_dxf.zip

English

3D PDF

3D

Customer View Model
ENG_CVM_CVM_2-1473562-3_F.3d_igs.zip

English

Customer View Model
ENG_CVM_CVM_2-1473562-3_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

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Agency Approvals

UL Report

English