



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-Board
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board

Mechanical Attachment

Mating Alignment	With
Mating Alignment Type	Polarization
Mating Retention	With
Mating Retention Type	Latch
Connector Mounting Type	Cable Mount (Free-Hanging)
PCB Mount Retention	Without
PCB Mount Alignment	Without

Termination Features



Termination Method to Wire & Cable	Crimp
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Operation/Application

Shielded	No
Circuit Application	Signal
Halogen Free	Yes

Contact Features

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

Industry Standards

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

Configuration Features

Number of Positions	8
Number of Rows	1
Contacts Preloaded	Yes

Usage Conditions

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

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

Electrical Characteristics

Operating Voltage	32 VDC
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Housing Features

Housing Material	Glass-Filled Thermoplastic
Housing Color	Red
	.079 in



Dimensions

Product Width	8.6 mm[.338 in]
Product Length	23.8 mm[.937 in]
Connector Height	23 mm[.905 in]

Identification Marking

Circuit Identification Feature	Without
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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 2024 (241) Candidate List Declared Against: JUNE 2024 (241) 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 # 1-1554809-8
RITS CONN. PLUG ASSY 8P RED COVER

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

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

TE Part # 2432675-2
SDE RITS SOCKET DIE ASSY

TE Part # 2432675-1
SDE RITS SOCKET ASSY

Also in the Series | RITS Socket Connectors

Standard Rectangular Connectors(16)

Customers Also Bought

TE Part #DT04-2P
REC, 2P, GRY, N

TE Part #W2S
Wedgelocks: DEUTSCH DT

TE Part #0460-202-16141
DEUTSCH Solid Contacts

TE Part #282104-1
AMP SUPERSEAL 1.5MM, CONNECTOR HOUSING

TE Part #DT06-2S
PLG, 2P, GRY, N

TE Part #281934-2
SINGLE WIRE SEAL

TE Part #114017-ZZ
SEALING PLUG, SIZE 12/16, WHT



Documents

Product Drawings

RITS CONN. SOCKET ASSY 8P RED

English

CAD Files

Customer View Model

ENG_CVM_CVM_1-1746741-8_A.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-1746741-8_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-1746741-8_A.3d_stp.zip

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

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