



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	6
Number of Rows	1

Electrical Characteristics

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

Contact Features

Contact Layout	Inline
Contact Type	Tab



Wire Contact Termination Area Plating Material	Gold
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
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
Housing Color	Orange
Centerline (Pitch)	2 mm[.079 in]

Dimensions

Connector Height	18.5 mm[.728 in]
Product Width	5.05 mm[.198 in]
Product Length	20.1 mm[.791 in]
Compatible Insulation Diameter Range	.6 – .9 mm[.023 – .035 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	25
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 # 1473565-6
RITS CONN.HDR ASSY 6P



TE Part # 1473571-6
RITS.JUNCTION BOX 2D 6P P/M



TE Part # 5-1473571-6
RITS.JUNCTION BOX 2D 6P F/H

Also in the Series | RITS Plug Connector



Standard Rectangular Connectors(32)

Customers Also Bought



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



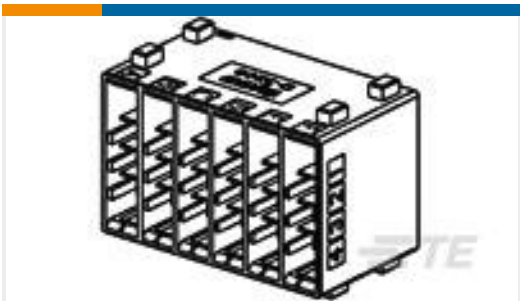
TE Part #1473562-6
RITS CONN. PLUG ASSY 6P YELLOW



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



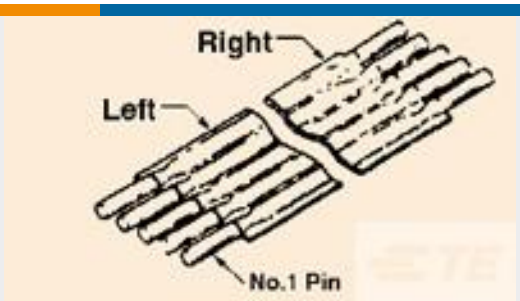
TE Part #592387J001
V2-4.0-0-SP-SM



TE Part #1827691-1
DYNATAP 3200 TAP ASSY 24P(F/H)



TE Part #2390404-1
DYNAMIC FRAME PANEL W KEY 2 MODULE



TE Part #1-1437140-4
FSN-21A-6=NOMEX FS STD

Documents

Product Drawings

RITS CONN. PLUG ASSY 6P ORANGE

English

CAD Files

Customer View Model

ENG_CVM_CVM_3-1473562-6_F.2d_dxf.zip



English

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_3-1473562-6_F.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_3-1473562-6_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