

1473571-6 ✓ ACTIVE

RITS | RITS Junction Box Panel Mount or Free Hanging

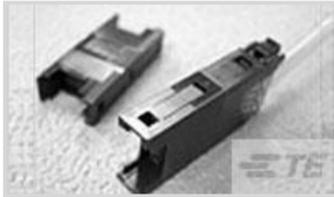
TE Internal #: 1473571-6

Standard Rectangular Connectors, Connector Assembly,  
Receptacle, Mating Alignment, RITS Junction Box Panel Mount or  
Free Hanging

[View on TE.com >](#)



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 Type	Connector Assembly
Connector Product Type	Connector Assembly
Connector & Housing Type	Receptacle
Connector System	Wire-to-Panel, Wire-to-Wire
Sealable	No

### Configuration Features

Preloaded	Yes
Number of Positions	6
Number of Rows	1

### Electrical Characteristics

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

### Contact Features

Contact Layout	Inline
Contact Type	Socket
Multiple Contact Types	Without
Shunts/Shorting Bars	Without
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

Panel Mount	Yes
-------------	-----

PCB Mount Alignment	Without
---------------------	---------

Panel Mount Feature	With
---------------------	------

Panel Mount Feature Type	Locking Latch
--------------------------	---------------

Mating Alignment	With
------------------	------

Mating Alignment Type	Polarization
-----------------------	--------------

Mating Retention	With
------------------	------

Mating Retention Type	Latch
-----------------------	-------

PCB Mount Retention	Without
---------------------	---------

Connector Mounting Type	Panel Mount
-------------------------	-------------

### Housing Features

Housing Color	Black
---------------	-------

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

	.079 in
--	---------

### Dimensions

Width	16 mm[.627 in]
-------	----------------

Panel Thickness	1 – 2 mm[.039 – .078 in]
-----------------	--------------------------

Height	30 mm[1.181 in]
--------	-----------------

Length	19.8 mm[.779 in]
--------	------------------

### Usage Conditions

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

### Operation/Application

Assembly Integration Feature	Without
------------------------------	---------

For Use With	Header
--------------	--------

Halogen Free	Yes
--------------	-----

Shielded	No
----------	----

Circuit Application	Signal
---------------------	--------



### Identification Marking

Circuit Identification Feature	Without
--------------------------------	---------

### Industry Standards

UL Flammability Rating	UL 94V-0
------------------------	----------

### Packaging Features

Packaging Quantity	100
Packaging Method	Bag

### 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 2022 (224) Candidate List Declared Against: JUNE 2022 (224) 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

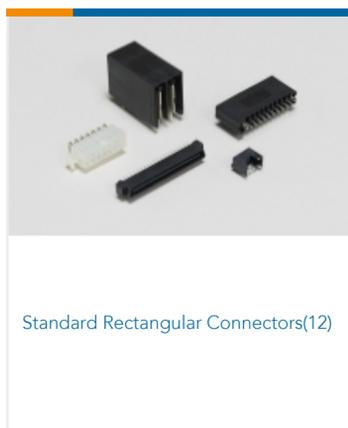
#### Product Compliance Disclaimer

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



## Also in the Series | RITS Junction Box Panel Mount or Free Hanging



### Documents

#### Product Drawings

[RITS.JUNCTION BOX 2D 6P P/M](#)

Japanese

#### CAD Files

[3D PDF](#)

English

Customer View Model

[ENG\\_CVM\\_1473571-6\\_A.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_1473571-6\\_A.3d\\_stp.zip](#)

English

Customer View Model

[ENG\\_CVM\\_1473571-6\\_A.2d\\_dxf.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