

1473567-4 ✓ ACTIVE

RITS | RITS Header Connectors PCB Mount

TE Internal #: 1473567-4

PCB Mount Header, Vertical, Wire-to-Board, 4 Position, 6.5 mm [.

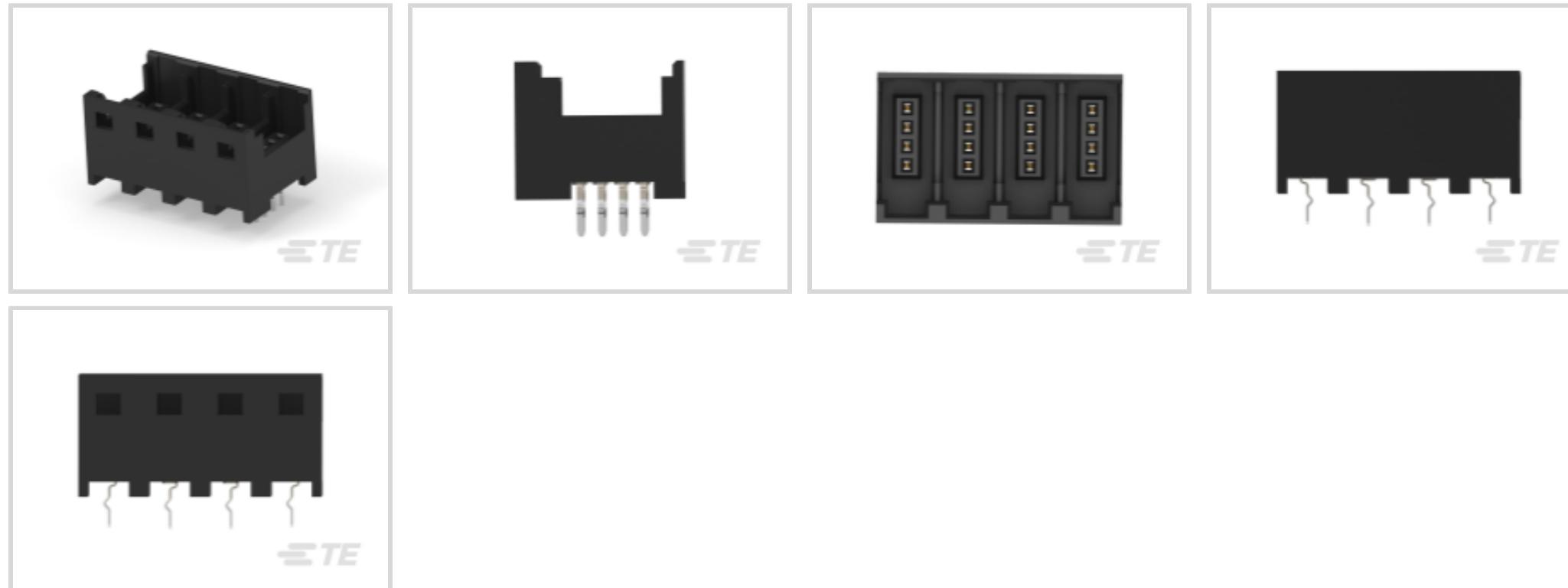
255 in] Centerline, Partially Shrouded, Gold, RITS Header

Connectors PCB Mount

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Connectors > PCB Connectors > PCB Headers & Receptacles



Connector System: **Wire-to-Board**

Number of Positions: **4**

Number of Rows: **4**

Centerline (Pitch): **6.5 mm [.255 in]**

PCB Mount Orientation: **Vertical**

Features

Product Type Features

| | |
|-----------------------------------|-----------------------|
| Connector System | Wire-to-Board |
| Header Type | Partially Shrouded |
| Sealable | No |
| Connector & Contact Terminates To | Printed Circuit Board |
| PCB Connector Assembly Type | PCB Mount Header |

Configuration Features

| | |
|----------------------------------|--------------|
| Number of Columns | 4 |
| Number of Loaded Positions | 4 |
| Connector Contact Load Condition | Fully Loaded |
| Number of Positions | 4 |
| Number of Rows | 4 |
| PCB Mount Orientation | Vertical |

Electrical Characteristics

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

Body Features

| | |
|-----------------------|-------|
| Primary Product Color | Black |
|-----------------------|-------|

Contact Features

| | |
|--|-----------------|
| Contact Layout | Matrix |
| Contact Underplating Material Thickness | 1.27 µm[50 µin] |
| Contact Mating Area Plating Material Thickness | .2 µm[7.87 µin] |
| Contact Mating Area Plating Material Finish | Bright |
| Contact Underplating Material | Nickel |
| Contact Mating Area Plating Material | Gold |
| Contact Type | Receptacle |
| Contact Current Rating (Max) | 3 A |

Termination Features

| | |
|---|-----------------------|
| Rectangular Termination Post & Tail Thickness | .2 mm[.007 in] |
| Rectangular Termination Post & Tail Width | .6 mm[.023 in] |
| Termination Method to Printed Circuit Board | Through Hole - Solder |

Mechanical Attachment

| | |
|-------------------------|--------------|
| Mating Alignment Type | Polarization |
| Mating Retention | Without |
| Connector Mounting Type | Board Mount |
| Mating Alignment | With |
| PCB Mount Alignment | With |
| PCB Mount Retention | Without |

Housing Features

| | |
|--------------------|------------------|
| Housing Material | Thermoplastic |
| Centerline (Pitch) | 6.5 mm [.255 in] |

Dimensions

| | |
|------------------|-------------------|
| Connector Length | 25.9 mm[1.019 in] |
| Connector Height | 13 mm [.511 in] |
| Connector Width | 15.8 mm [.622 in] |

Usage Conditions

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

Operation/Application

Circuit Application

Signal

Industry Standards

UL Flammability Rating

UL 94V-0

Packaging Features

Packaging Method

Tube

Product Compliance

For compliance documentation, visit the product page on [TE.com](https://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 2024
(240)Candidate List Declared Against: JAN 2024
(240)

Does not contain REACH SVHC

Halogen Content

Not Low Halogen - contains Br or Cl > 900
ppm.

Solder Process Capability

Wave solder capable to 265°C

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 Header Connectors PCB Mount



Customers Also Bought



Documents

Product Drawings

[RITS CONN.HDR ASSY 4ROW 4P](#)

Japanese

CAD Files

[Customer View Model](#)

[ENG_CVM_CVM_1473567-4_D.2d_dxf.zip](#)

English

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_1473567-4_D.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1473567-4_D.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