1473567-3 ✔ ACTIVE

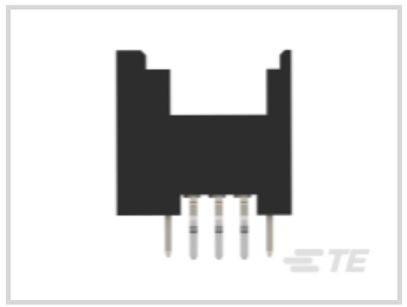
RITS | RITS Header Connectors PCB Mount

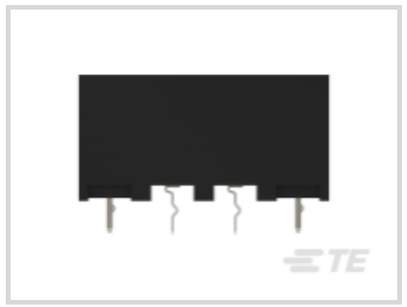
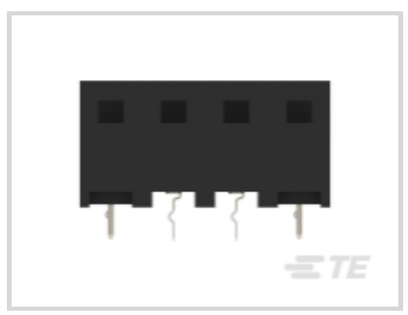
TE Internal #: 1473567-3

PCB Mount Header, Vertical, Wire-to-Board, 3 Position, 6.5 mm [.255 in] Centerline, Partially Shrouded, Gold (Au), RITS Header Connectors PCB Mount

View on TE.com >

Connectors > PCB Connectors > PCB Headers & Receptacles

PCB Connector Type: **PCB Mount Header**

PCB Mount Orientation: **Vertical**

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

Number of Positions: **3**

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

Features

Product Type Features

Mixed & Hybrid Header	No
Connector Shape	Rectangular
PCB Connector Type	PCB Mount Header
Connector System	Wire-to-Board
Header Type	Partially Shrouded
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board
Connector Product Type	Connector Assembly

Configuration Features

Number of Columns	4
Number of Loaded Positions	3
Connector Contact Load Condition	Fully Loaded
PCB Mount Orientation	Vertical
Number of Positions	3

Number of Rows	3

Electrical Characteristics

Operating Voltage	32 VDC

Body Features

Primary Product Color	Black

Contact Features

Contact Underplating Material	Nickel
Contact Underplating Material Thickness	1.27 µm[50 µin]
Contact Layout	Matrix
Contact Base Material	Copper Alloy
Contact Mating Area Plating Material	Gold (Au)
Contact Mating Area Plating Material Finish	Bright
Contact Mating Area Plating Material Thickness	.2 µm[7.87 µin]
Contact Type	Pin
Contact Current Rating (Max)	3 A

Termination Features

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

Mechanical Attachment

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

Housing Features

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

Dimensions

Connector Width	15.8 mm[.622 in]
Connector Height	13 mm[.511 in]

Connector Length	25.9 mm[1.019 in]

Usage Conditions

Operating Temperature (Max)	75 °C[167 °F]
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 Quantity	260
Packaging Method	Tray

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 2025 (250) Candidate List Declared Against: JUNE 2025 (250) 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

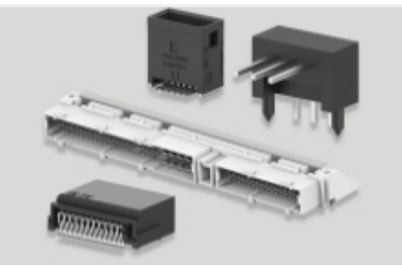
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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



TE Part # 1-2295044-3
RITS CONN. PLUG ASSY 3P RED TIN

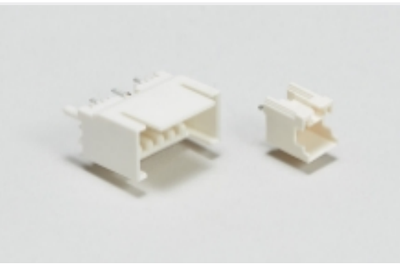
Also in the Series | RITS Header Connectors PCB Mount



PCB Headers & Receptacles(13)



Rectangular Power Connectors(1)



Wire-to-Board Headers & Receptacles (13)

Customers Also Bought



TE Part #CAT-D9934-A75F
Header Assembly: Wire-to-Board, 15A, gold or tin plated



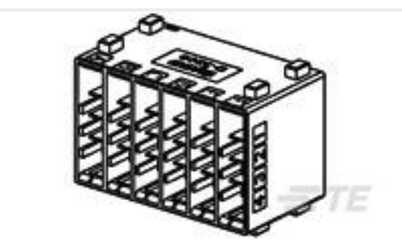
TE Part #CAT-D9934-A83B
Header Assembly: Wire-to-Board, 20-45A, 250-630V



TE Part #1473565-4
RITS CONN.HDR ASSY 4P



TE Part #1473565-8
RITS CONN.HDR ASSY 8P



TE Part #1-1827691-3
DYNATAP 3200 TAP ASSY 24P BOTTOM-MT TIN



TE Part #CAT-D9934-A15F
Header Assembly: Wire-to-Board, 5A, gold or tin plated

Documents

Product Drawings

RITS CONN.HDR ASSY 4ROW 3P

Japanese

CAD Files

Customer View Model

ENG_CVM_CVM_1473567-3_D.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1473567-3_D.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1473567-3_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

Agency Approvals

UL Report

English