RITS | RITS Header Connectors PCB Mount

TE Internal #: 1473565-7

PCB Mount Header, Vertical, Wire-to-Board, 7 Position, 2 mm [.078 in] Centerline, Partially Shrouded, Gold, RITS Header Connectors

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PCB Mount



Connectors > PCB Connectors > PCB Headers & Receptacles



Connector System: Wire-to-Board

Number of Positions: 7 Number of Rows: 7

Centerline (Pitch): 2 mm [.078 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	1
Number of Loaded Positions	7
Connector Contact Load Condition	Fully Loaded
Number of Positions	7
Number of Rows	7
PCB Mount Orientation	Vertical

Electrical Characteristics

Operating Voltage	32 VDC

Body Features

Contact Features

PCB Contact Termination Area Plating Material Thickness	2 μm[78.74 μin]
9	



Operating Temperature Range -30 – 75 °C[-22 – 167 °F] Operation/Application Circuit Application Signal		
PCB Contact Termination Area Plating Material Finish Contact Mating Area Plating Material Finish Contact Underplating Material PCB Contact Underplating Material PCB Contact Termination Area Plating Material Contact Mating Area Plating Material Contact Mating Area Plating Material Contact Type Receptacle Contact Current Rating (Max) 3 A Termination Features Rectangular Termination Post & Tail Thickness Rectangular Termination Post & Tail Width 6 mml,023 in] Termination Method to Printed Circuit Board Through Hole - Soider Mechanical Attachment Mating Alignment Type Polatization Mating Retention Without Connector Mounting Type Board Mount Mating Alignment With PCB Mount Alignment With PCB Mount Alignment With PCB Mount Retention Without Housing Material Thermoplastic Certerline (Pitch) Dimensions Connector Length Connector L	Contact Underplating Material Thickness	1.27 μm[50 μin]
Contact Mating Area Plating Material Contact Underplating Material PCB Contact Termination Area Plating Material PCB Contact Type Receptacle Contact Type Receptacle Contact Current Rating (Max) 3 A Termination Features Rectangular Termination Post & Tail Width Common Method to Printed Circuit Board Mating Alignment Type Mating Alignment Type Mating Alignment PCB Mount Alignment With PCB Mount Alignment Housing Features Housing Material Centerline (Pitch) Dimensions Connector Length Connector Height Connector Height Connector Width Usage Conditions Operating Temperature Range -30 -75 "C[-22 - 167 "F] Operation/Application Circuit Application Signal	Contact Mating Area Plating Material Thickness	.2 μm[7.87 μin]
Contact Underplating Material PCB Contact Termination Area Plating Material Iin Contact Mating Area Plating Material Contact Type Receptacle Contact Current Rating (Max) 3 A Termination Features Rectangular Termination Post & Tail Thickness Rectangular Termination Post & Tail Thickness Rectangular Termination Post & Tail Width Armination 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 PCB Mount Retention Without Housing Features Housing Material Thermoplastic Centerfine (Pitch) Through Pating Thermoplastic Centerfine (Pitch) 2 mm [.978 in] Dimensions Connector Leight 13 mm [.937 in] Connector Width Usage Conditions Operating Lamperature Range -90 - 75 °C [.92 - 167 °F] Operation/Application Signal	PCB Contact Termination Area Plating Material Finish	Matte
PCB Contact Termination Area Plating Material Contact Mating Area Plating Material Contact Type Receptacle Contact Current Rating (Max) 3.A Termination Features Rectangular Termination Post & Tail Thickness Rectangular Termination Post & Tail Width As mml, 023 in] Termination Method to Printed Circuit Board Through Hole - Solder Mechanical Attachment Mating Alignment Type Polarization Without Connector Mounting Type Board Mount Mating Alignment With PCB Mount Alignment PCB Mount Retention Without Housing Features Housing Material Centerline (Pitch) Dimensions Connector Length 23.8 mm[,937 in] Connector Height Connector Width 4.4 mml, 251 in] Usage Conditions Operating Temperature Range -30 -75 °Cl-22 - 167 °F] Operation/Application Circuit Application Signal	Contact Mating Area Plating Material Finish	Bright
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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] Itermination Method to Printed Circuit Board Ihrough 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) 2 mm[.078 in] Dimensions Connector Leight 23.8 mm[.937 in] Connector Height 13 mm[.511 in] Connector Width 4.4 mm[.251 in] Usage Conditions Operating Temperature Range 30 – 75 °C[-22 – 167 °F] Operation/Application Circuit Application Signal	PCB Contact Termination Area Plating Material	Tin
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PCB Mount Retention Housing Features Housing Material Centerline (Pitch) Dimensions Connector Length Connector Height Connector Width Usage Conditions Operating Temperature Range Circuit Application Without Without Without Without Without Without Without All the minus of the model of t	Mating Alignment	With
Housing Features Housing Material Thermoplastic Centerline (Pitch) 2 mm[.078 in] Dimensions Connector Length 23.8 mm[.937 in] Connector Height 13 mm[.511 in] Connector Width 6.4 mm[.251 in] Usage Conditions Operating Temperature Range -30 - 75 °C[-22 - 167 °F] Operation/Application Circuit Application Signal	PCB Mount Alignment	With
Housing Material Centerline (Pitch) Dimensions Connector Length Connector Height Connector Width Connector Width Usage Conditions Operating Temperature Range Circuit Application Thermoplastic 2 mm[.078 in] 23.8 mm[.937 in] 43.8 mm[.937 in] 6.4 mm[.251 in] 6.4 mm[.251 in] Signal	PCB Mount Retention	Without
Centerline (Pitch) Dimensions Connector Length Connector Height Connector Width Connector Width Usage Conditions Operating Temperature Range Circuit Application 23.8 mm[.937 in] 13 mm[.511 in] 6.4 mm[.251 in] -30 – 75 °C[-22 – 167 °F] Signal	Housing Features	
Dimensions Connector Length 23.8 mm[.937 in] Connector Height 13 mm[.511 in] Connector Width 6.4 mm[.251 in] Usage Conditions Operating Temperature Range -30 – 75 °C[-22 – 167 °F] Operation/Application Circuit Application Signal	Housing Material	Thermoplastic
Connector Length 23.8 mm[.937 in] Connector Height 13 mm[.511 in] Connector Width 6.4 mm[.251 in] Usage Conditions Operating Temperature Range -30 – 75 °C[-22 – 167 °F] Operation/Application Circuit Application Signal	Centerline (Pitch)	2 mm[.078 in]
Connector Height 13 mm[.511 in] Connector Width 6.4 mm[.251 in] Usage Conditions Operating Temperature Range -30 - 75 °C[-22 - 167 °F] Operation/Application Circuit Application Signal	Dimensions	
Connector Width Usage Conditions Operating Temperature Range -30 – 75 °C[-22 – 167 °F] Operation/Application Circuit Application Signal	Connector Length	23.8 mm[.937 in]
Usage Conditions Operating Temperature Range -30 – 75 °C[-22 – 167 °F] Operation/Application Circuit Application Signal	Connector Height	13 mm[.511 in]
Operating Temperature Range -30 – 75 °C[-22 – 167 °F] Operation/Application Circuit Application Signal	Connector Width	6.4 mm[.251 in]
Operation/Application Circuit Application Signal	Usage Conditions	
Circuit Application Signal	Operating Temperature Range	-30 – 75 °C[-22 – 167 °F]
	Operation/Application	
Industry Standards	Circuit Application	Signal
	Industry Standards	



UL Flammability Rating	UL 94V-0
Packaging Features	
Packaging Type	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 2023 (235) Candidate List Declared Against: JUNE 2022 (224) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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

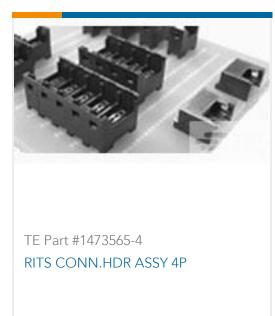




















Documents

Product Drawings

RITS CONN.HDR ASSY 7P

Japanese

CAD Files

3D PDF

English

Customer View Model

ENG_CVM_1473565-7_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_1473565-7_B.3d_igs.zip

English

Customer View Model

ENG_CVM_1473565-7_B.3d_stp.zip

English

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Datasheets & Catalog Pages

Remote Input Output Terminal System (RITS) Connectors

English

Product Specifications

Standard Operating Procedure

Japanese

Instruction Sheets

Instruction Sheet (non U.S.)

Japanese

RITS Connector Interconnection System/e-CON Connector

Japanese