1-2232511-7 ACTIVE

RAST | RAST 5D

TE Internal #: 1-2232511-7

PCB Mount Header, Vertical, Wire-to-Board, 7 Position, 5 mm [.197 in] Centerline, Fully Shrouded, Tin, Through Hole - Solder, Power,

Natural, RAST 5D

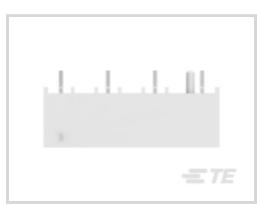
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Connectors > PCB Connectors > PCB Headers & Receptacles











Connector System: Wire-to-Board

Number of Positions: 7
Number of Rows: 1

Centerline (Pitch): 5 mm [.197 in]
PCB Mount Orientation: Vertical

Features

Product Type Features

Connector System	Wire-to-Board
Header Type	Fully Shrouded
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board
PCB Connector Assembly Type	PCB Mount Header
Configuration Features	
Number of Columns	7
Number of Positions	7
Number of Rows	1
PCB Mount Orientation	Vertical
Electrical Characteristics	
Operating Voltage	250 VAC
Body Features	

Natural

Primary Product Color



	0 170 74 1 1
PCB Contact Termination Area Plating Material Thickness	2 μm[78.74 μin]
Contact Layout	Inline
Mating Tab Width	6.3 mm[.248 in]
Mating Tab Thickness	.8 mm[.032 in]
Contact Underplating Material Thickness	1.27 μm[50 μin]
Contact Mating Area Plating Material Thickness	2 μm[78.74 μin]
PCB Contact Termination Area Plating Material Finish	Matte
Contact Shape & Form	Rectangular
Contact Mating Area Plating Material Finish	Matte
Contact Underplating Material	Nickel
PCB Contact Termination Area Plating Material	Tin
Contact Base Material	Copper Alloy
Contact Mating Area Plating Material	Tin
Contact Type	Tab
Contact Current Rating (Max)	16 A
ermination Features	
Square Termination Post & Tail Dimension	.8 mm[.032 in]
Termination Method to Printed Circuit Board	Through Hole - Solder
lechanical Attachment	
PCB Mount Alignment Type	Guide Pin
Mating Alignment Type	Keyed, Polarization
Mating Retention	With
Connector Mounting Type	Board Mount
Mating Alignment	With
PCB Mount Alignment	With
PCB Mount Retention	Without
lousing Features	
Housing Material	Nylon
Centerline (Pitch)	5 mm[.197 in]
Dimensions	
Connector Length	37.3 mm[1.47 in]



Connector Height	12.8 mm[.503 in]
Connector Width	14.9 mm[.58 in]
Usage Conditions	
Operating Temperature Range	-40 – 120 °C[-40 – 248 °F]
Operation/Application	
Circuit Application	Power
Industry Standards	
Agency/Standard	UL, VDE
Approved Standards	UL E28476
UL Flammability Rating	UL 94V-0
Packaging Features	
Packaging Quantity	100

Loose Piece

Product Compliance

Packaging Type

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 2023 (235) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not reviewed 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 # 1-2232043-7
7P, RAST 5 Tab Header, THV



TE Part # 2-2232043-7
7P, RAST 5 Tab Header, THV



TE Part # 2-2232511-7
7P, RAST 5 TAB HEADER, THV



TE Part # 2232511-7
7P, RAST 5 TAB HEADER, THV



TE Part # 2328608-7
7P, RAST 5 TAB HEADER, THV,
SHORT PEG



TE Part # 3-2232511-7
7P, RAST 5 TAB HEADER, THV



TE Part # 4-2232043-7
7P, RAST 5 Tab Header, THV



TE Part # 5-2232043-7
7P, RAST 5 Tab Header, THV



TE Part # 6-2232043-7
7P, RAST 5 Tab Header, THV



TE Part # 6-2232055-7
7P, RAST 5 Tab Header, THV



TE Part # 7-2232043-7
7P, RAST 5 Tab Header, THV



TE Part # 9-2232043-7
7P, RAST 5 Tab Header, THV

Also in the Series RAST 5D



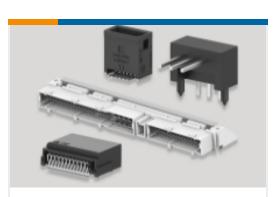
Automotive Terminals(5)



Connector Contacts(10)

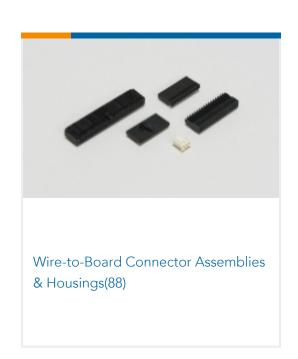


Insertion & Extraction Tools(1)



PCB Headers & Receptacles(69)





Customers Also Bought















Documents

Product Drawings

7P, RAST 5 TAB HEADER, THV

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-2232511-7_C.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-2232511-7_C.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-2232511-7_C.3d_stp.zip

English

By downloading the CAD file I accept and agree to the **Terms and Conditions** of use.

PCB Mount Header, Vertical, Wire-to-Board, 7 Position, 5 mm [.197 in] Centerline, Fully Shrouded, Tin, Through Hole - Solder, Power, Natural, RAST 5D



Datasheets & Catalog Pages

Standard Power Timer Connector with TPA

English

Product Specifications

Product Specification

English

Agency Approvals

UL Report

English