



Connectors > PCB Connectors > PCB Headers & Receptacles



PCB Connector Type: **PCB Mount Header**

PCB Mount Orientation: **Vertical**

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

Number of Positions: **5**

Number of Rows: **1**

Features

Product Type Features

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

Configuration Features

Keying & Polarized Position Locations	2D
PCB Mount Orientation	Vertical
Number of Positions	5
Number of Rows	1

Electrical Characteristics

Operating Voltage	250 VAC
-------------------	---------

Body Features

--	--



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

Contact Features

Contact Underplating Material	Nickel
Contact Underplating Material Thickness	1.3 µm[51.18 µin]
PCB Contact Termination Area Plating Material Finish	Matte
Contact Mating Area Plating Material Thickness	3.8 µm[149.6 µin]
Mating Tab Width	6.3 mm[.248 in]
PCB Contact Termination Area Plating Material Thickness	3.8 µm[149.6 µin]
Contact Layout	Inline
Contact Base Material	Brass
Mating Tab Thickness	.8 mm[.032 in]
PCB Contact Termination Area Plating Material	Tin
Contact Mating Area Plating Material Finish	Matte
Contact Mating Area Plating Material	Tin (Sn)
Contact Type	Tab
Contact Current Rating (Max)	16 A

Termination Features

Rectangular Termination Post & Tail Width	.8 mm[.032 in]
Rectangular Termination Post & Tail Thickness	.8 mm[.032 in]
Termination Post & Tail Length	3.5 mm[.14 in]
Termination Method to PCB	Through Hole - Solder

Mechanical Attachment

Mating Retention	With
Mating Alignment Type	Keyed
PCB Mount Alignment Type	Boss
PCB Mount Retention	Without
PCB Mount Alignment	With
Connector Mounting Type	Board Mount
Mating Alignment	With

Housing Features

Housing Material	Nylon 6/6
Centerline (Pitch)	5 mm[.197 in]



Dimensions

Connector Width	14.9 mm[.587 in]
PCB Thickness (Recommended)	1.5 mm[.059 in]
Connector Height	12.8 mm[.5 in]
Connector Length	27.3 mm[1.7 in]

Usage Conditions

Operating Temperature Range	-40 – 105 °C[-40 – 221 °F]
-----------------------------	----------------------------

Operation/Application

Circuit Application	Power
---------------------	-------

Industry Standards

Compatible With Agency/Standards Products	UL
Compatible With Approved Standards Products	UL E28476
UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Quantity	96
Packaging Method	Box

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: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) Does not contain REACH SVHC
Halogen Content	BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.
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 # 2-521384-5 ASSY PL R/A RAST5 HEADER 5P	 TE Part # 521383-4 ASSY DIN VERT RAST5 HEADER04-A	 TE Part # 521384-5 ASSY PL R/A RAST5 HEADER 05-B	 TE Part # 3-521384-2 ASSY PL R/A RAST5 HEADER 02-E
 TE Part # 3-521383-5 ASSY DIN VERT RAST5 HEADER 5P	 TE Part # 3-521384-5 ASSY PL R/A RAST5 HEADER 5P	 TE Part # 521383-3 ASSY DIN VERT RAST5 HEADER03-A	 TE Part # 3-521383-2 ASSY DIN VERT RAST5 HEADER02-E
 TE Part # 1-521384-5 ASSY PL R/A RAST5 HEADER 5P	 TE Part # 521383-2 ASSY DIN VERT RAST5 HEADER02-A		

Also in the Series | RAST 5 IDC Connectors

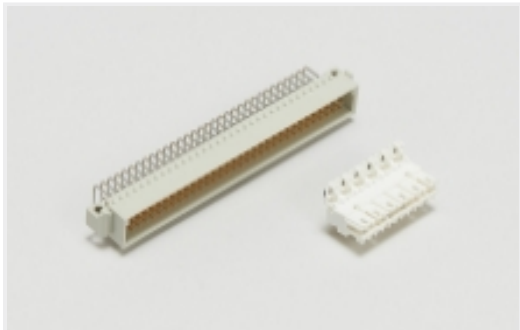
 Connector Contacts(12)	 Crimp Terminal Housings(39)	 Insertion & Extraction Tools(1)	 PCB Headers & Receptacles(417)
----------------------------	---------------------------------	-------------------------------------	------------------------------------



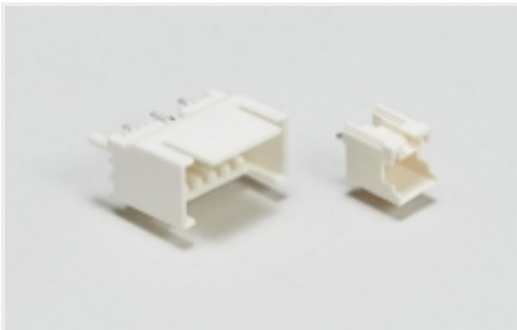
Power Contacts(3)



Rectangular Power Connectors(481)



Standard Edge Connectors(31)



Wire-to-Board Headers & Receptacles (417)

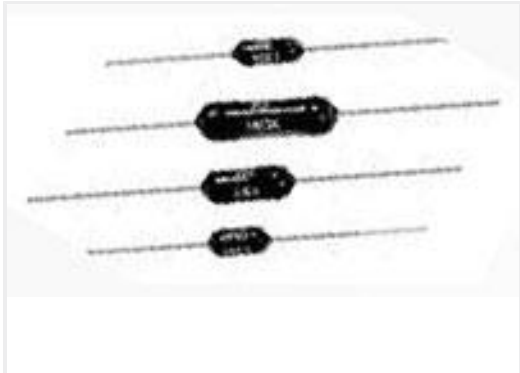
Customers Also Bought



TE Part #4425-015A
PRESSURE SENSOR,IDX, 4425-015A



TE Part #521383-2
ASSY DIN VERT RAST5 HEADER02-A



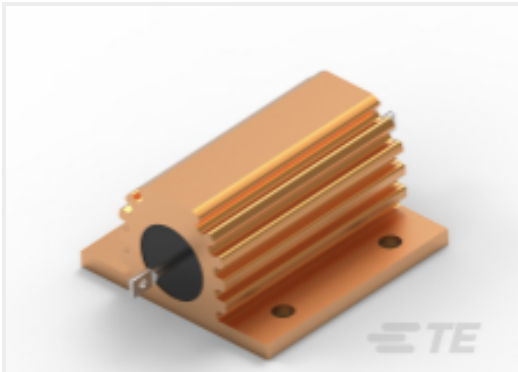
TE Part #4-1879663-3
H8 294R 0.1% 15PPM



TE Part #521383-3
ASSY DIN VERT RAST5 HEADER03-A



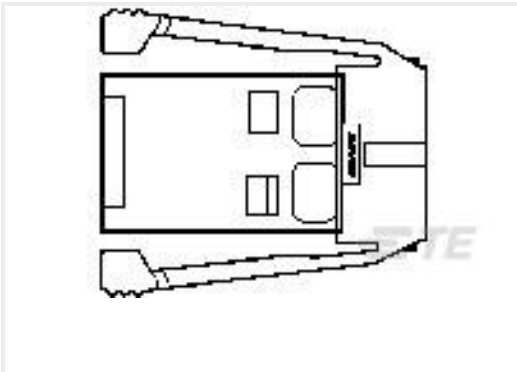
TE Part #1-103908-0
11 MTE HDR SRST LATCH W/HLDWN



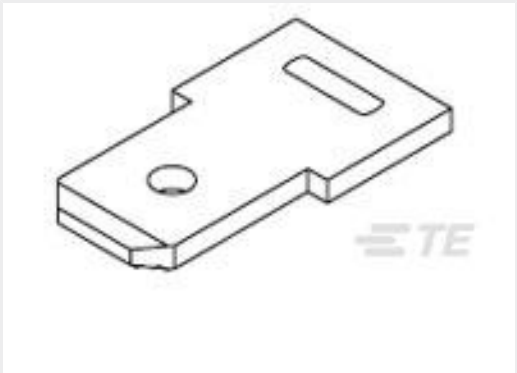
TE Part #CAT-C339-H85913
Power Resistors: Aluminum Housed, HSA



TE Part #6609109-5
PE0S0SLXC M0=C7034



TE Part #4-520424-1
4 SDL RND PLUG ASSY 50 SERIES



TE Part #63771-1
187 FASTON TAB NPST

Documents

Product Drawings

ASSY DIN VERT RAST5 HEADER05-B

English

CAD Files

Customer View Model

ENG_CVM_CVM_521383-5_D.2d_dxf.zip

English

3D PDF



3D

Customer View Model

[ENG_CVM_CVM_521383-5_D.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_521383-5_D.3d_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

[RAST Connector System Catalog](#)

English

Product Specifications

[Product Specification](#)

English

Agency Approvals

[VDE Certificate](#)

English

[VDE Certificate](#)

English