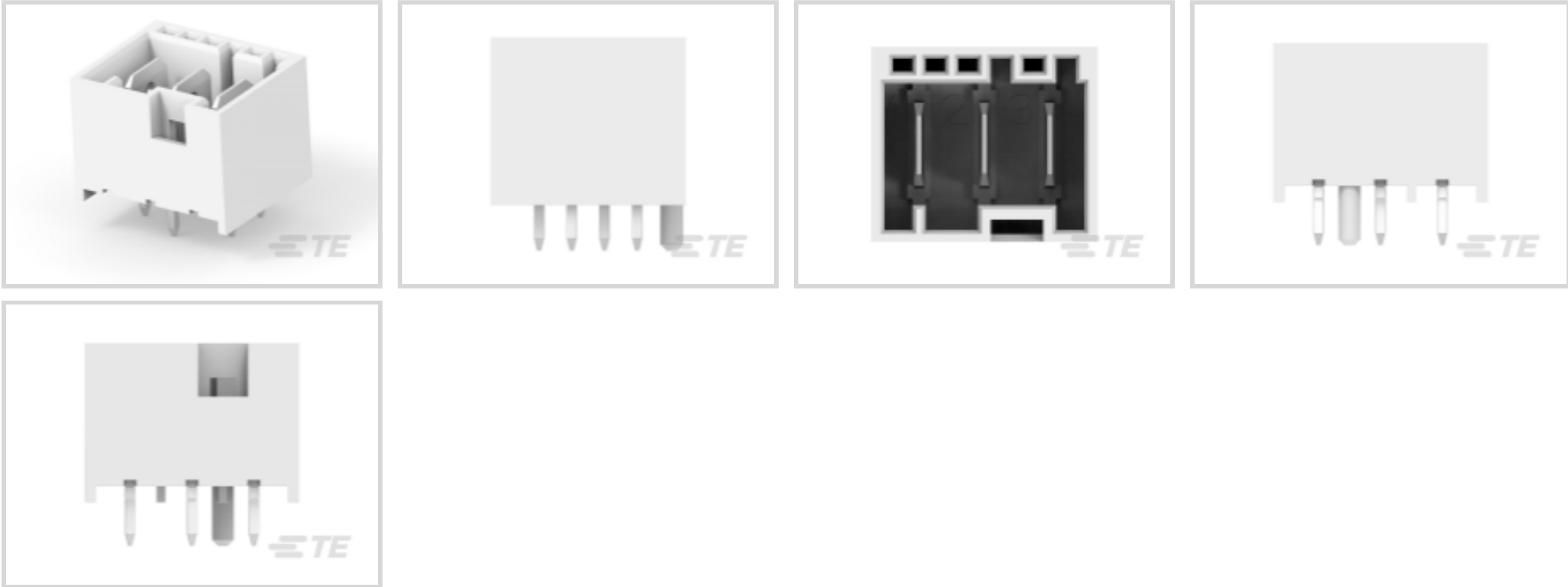




Connectors > PCB Connectors > PCB Headers & Receptacles



PCB Connector Type: **PCB Mount Header**

PCB Mount Orientation: **Vertical**

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

Number of Positions: **3**

Centerline (Pitch): **5 mm [.197 in]**

Features

Product Type Features

PCB Connector Type	PCB Mount Header
Connector System	Wire-to-Board
Header Type	Fully Shrouded
Sealable	Yes
Connector & Contact Terminates To	Printed Circuit Board
Connector Product Type	Connector Assembly

Configuration Features

Number of Columns	3
Keying & Polarized Rib Location	1c,1d,2c,3d
PCB Mount Orientation	Vertical
Number of Positions	3
Number of Rows	1

Electrical Characteristics

Operating Voltage	250 VAC
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Body Features

Primary Product Color	Natural
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Contact Features

Contact Underplating Material	Nickel
Contact Underplating Material Thickness	1.27 µm[50 µin]
PCB Contact Termination Area Plating Material Finish	Matte
Mating Tab Width	6.3 mm[.248 in]
PCB Contact Termination Area Plating Material Thickness	.381 µm[149.6 µin]
Contact Shape & Form	Rectangular
Contact Layout	Inline, Staggered
Contact Base Material	Copper Alloy
Mating Tab Thickness	.8 mm[.032 in]
Contact Mating Area Plating Material	Tin (Sn)
Contact Mating Area Plating Material Finish	Matte
Contact Mating Area Plating Material Thickness	3.8 µm[149.6 µin]
Contact Type	Tab
Contact Current Rating (Max)	16 A
PCB Contact Termination Area Plating Material	Tin

Termination Features

Rectangular Termination Post & Tail Thickness	16 mm
Termination Post & Tail Length	.8 mm[.032 in]
Square Termination Post & Tail Dimension	.8 mm[.032 in]
Termination Method to PCB	Through Hole - Solder

Mechanical Attachment

Mating Retention Type	Latch
PCB Mount Alignment Type	Locating Posts
Mating Retention	With
PCB Mount Retention	Without
Connector Mounting Type	Board Mount
Mating Alignment	With

Housing Features

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

Nylon 66

Dimensions

Connector Width	5 mm[.197 in]
Connector Height	12.8 mm[.503 in]
Connector Length	17.3 mm[.68 in]
Profile Height from PCB	.58 mm[.5 in]

Usage Conditions

	248 °F
Housing Temperature Rating	Standard
Operating Temperature Range	-40 – 120 °C[-40 – 248 °F]

Operation/Application

Solder Process Feature	Board Standoff
Circuit Application	Power

Industry Standards

Compatible With Agency/Standards Products	UL, VDE
Compatible With Approved Standards Products	UL E28476
Glow Wire Rating	Glow Wire
UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Method	Bag
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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	有害物质含量符合标准要求 No Restricted Substance(s) 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

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 Regulations, TE’s information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) ‘Guidance on requirements for substances in articles’(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of ‘complex object’, the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA “Guidance on requirements for substances in articles” (June 2017, version 4.0) and will be updating its statements accordingly.

Compatible Parts

TE Part # 521205-8

HSG,3P,P/L MKIII,RAST 5

Customers Also Bought

TE Part #917724-2

2.5MM SDL 4P, HDR ASSY, HIGH, RED

TE Part #1376384-6

5mm POWER KEY 4P HDR ASSEMBL HIGH TEMP

TE Part #2-1376384-3

5mm B-T-W Conn. 4P HDR ASSEMBL

TE Part #3-2232546-4

GI2.5 HDR ASS 3P YEL NO BOSS TAPE

TE Part #1-2232960-6

6P POTTED RAST 2.5 HEADER

TE Part #2-2368182-4

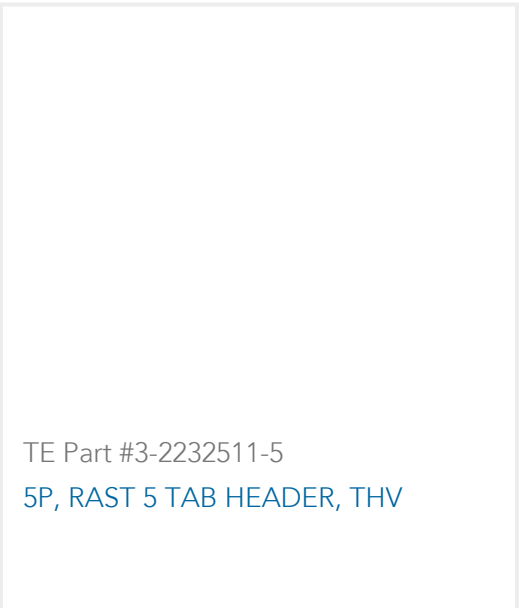
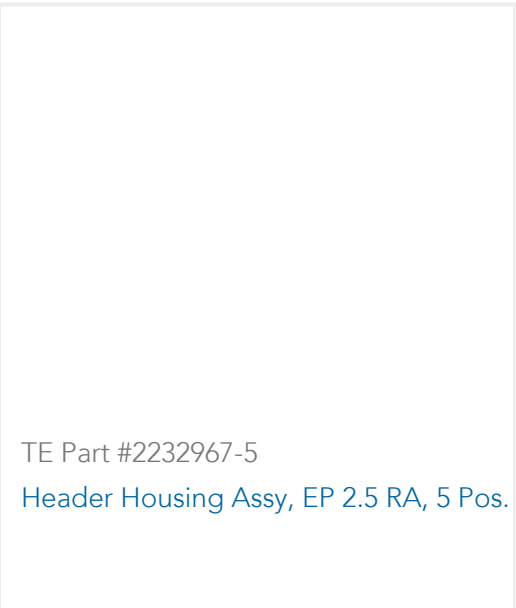
RA SMC2.5 Potting HDR_BLUE_4P

TE Part #2390868-2

2P, RAST 5 HEADER, PL, SHROUDED

TE Part #2-2452953-4

4P POTTED RAST 2.5 HEADER



Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2390868-3_A1.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2390868-3_A1.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2390868-3_A1.3d_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