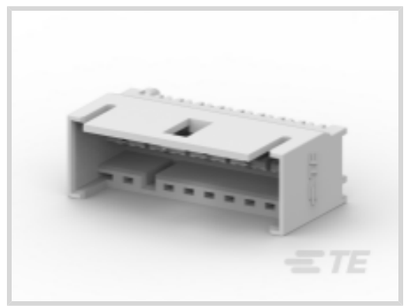
1-2232962-9 ✔ ACTIVE

TE Internal #: 1-2232962-9

PCB Mount Header, Vertical, Wire-to-Board, 9 Position, 2.5 mm [.098 in] Centerline, Fully Shrouded, Tin (Sn), Through Hole - Solder, Signal, Natural

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: **9**

Centerline (Pitch): **2.5 mm [.098 in]**

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

PCB Mount Orientation	Vertical
Number of Positions	9
Number of Rows	1

Electrical Characteristics

Operating Voltage	250 VAC

Body Features

Primary Product Color	Natural

Contact Features

Contact Underplating Material	Nickel
PCB Contact Termination Area Plating Material Finish	Matte
PCB Contact Termination Area Plating Material Thickness	.381 µm[149.6 µin]
Contact Shape & Form	Square
Contact Layout	Inline, Staggered
Contact Base Material	Copper Alloy
PCB Contact Termination Area Plating Material	Tin
Contact Mating Area Plating Material	Tin (Sn)
Contact Mating Area Plating Material Finish	Matte
Contact Mating Area Plating Material Thickness	1.27 µm[50.8 µin]
Contact Type	Tab
Contact Current Rating (Max)	2 A

Termination Features

Termination Post & Tail Length	2.9 mm[.11 in]
Termination Method to PCB	Through Hole - Solder

Mechanical Attachment

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

Housing Features

Centerline (Pitch)	2.5 mm[.098 in]
Housing Material	PA 66 GF

Dimensions

Connector Height	15.5 mm[.61 in]
Connector Length	25.1 mm[.98 in]

Usage Conditions

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

Operation/Application

Solder Process Feature	Board Standoff
Circuit Application	Signal

Industry Standards

Glow Wire Rating	Glow Wire
UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Method	Box, Carton

Product Compliance

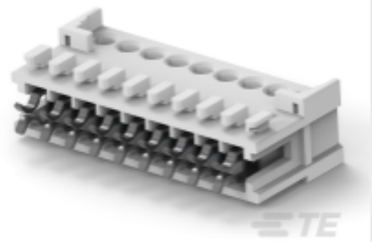
For compliance documentation, visit the product page on TE.com>

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: JUL 2021 (219) 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

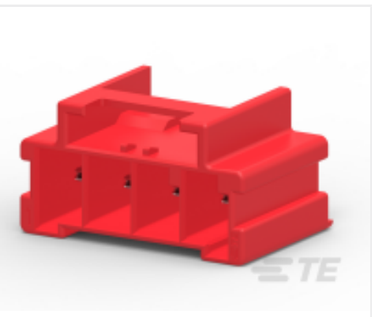
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight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

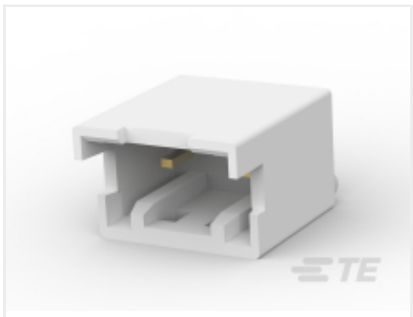


TE Part # 1-2232892-9
9P MONOPLUG 2.5

Customers Also Bought



TE Part #2-1969688-4
PTL 1X4 PCB HEADER VERT HITEMP KEY B RED



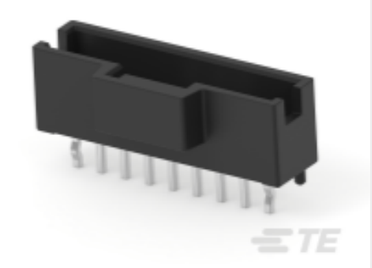
TE Part #CAT-G7534A-H342A
Glow Wire Sig GRACE INERTIA Header



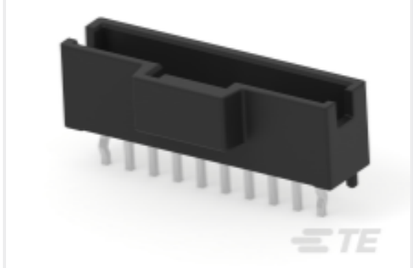
TE Part #4-1971798-4
NEW GI CONN2.5 HDR ASMBLY 4P YLW D1.0



TE Part #5-2232045-3
3P, RAST 5 TAB HEADER, THV



TE Part #4-2232826-9
SGI2.0 header assembly TH 9P,key B, BLK



TE Part #5-2232826-0
SGI2.0 header assembly TH 10P,key B, BLK



TE Part #2364002-3
TAB HEADER ASSY 3P, THICK HOOK



TE Part #4-2393116-1
New GI2.5 HDR ASSY,4P,key A,NTL

TE Part #3-2452954-5
5P POTTED RAST 2.5 HEADER, SEL

Documents

Product Drawings

9P POTTED RAST 2.5 HEADER

English

9P POTTED RAST 2.5 HEADER

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-2232962-9_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-2232962-9_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-2232962-9_A.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