TE Internal #: 1-2232960-7

PCB Mount Header, Vertical, Wire-to-Board, 7 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: 7

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	
Configuration Features  PCB Mount Orientation	Vertical
	Vertical 7
PCB Mount Orientation	
PCB Mount Orientation  Number of Positions	7

Natural

**Body Features** 

Primary Product Color



#### **Contact Features**

Contact Underplating Material	Nickel
PCB Contact Termination Area Plating Material Finish	Matte
Mating Tab Width	1.5 mm[.059 in]
Contact Shape & Form	Square
Contact Layout	Staggered
Contact Base Material	Copper Alloy
Mating Tab Thickness	.6 mm[.024 in]
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]
Square Termination Post & Tail Dimension	.6 mm[.023 in]
Termination Method to PCB	Through Hole - Solder

## Mechanical Attachment

PCB Mount Retention Type	None
Mating Alignment Type	Keyed, 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

Connect	cor Height	15.5 mm[.61 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	

Box, Carton

## **Product Compliance**

Packaging Method

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 2021 (211) 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



# Customers Also Bought



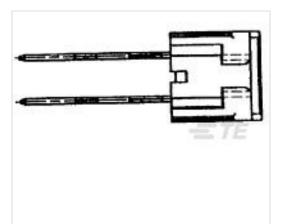












TE Part #917894-1
2.5 S.D.L STD V 2P HDR ON/TAPE



TE Part #1827391-1 GIC 3.3 HDR ASSY 4P



TE Part #4-1971798-1 NEW GI CONN2.5 HDR ASMBLY 4P NC D1.0



TE Part #2299683-5
EP2.5 HDR 5P VERT W/O BOSS,
TAPING



### **Documents**

Product Drawings
7P POTTED RAST 2.5 HEADER

English

**7P POTTED RAST 2.5 HEADER** 

English

**CAD Files** 

PCB Mount Header, Vertical, Wire-to-Board, 7 Position, 2.5 mm [.098 in] Centerline, Fully Shrouded, Tin (Sn), Through Hole - Solder, Signal, Natural



3D PDF

3D

**Customer View Model** 

ENG\_CVM\_CVM\_1-2232960-7\_A.2d\_dxf.zip

English

**Customer View Model** 

ENG\_CVM\_CVM\_1-2232960-7\_A.3d\_igs.zip

English

**Customer View Model** 

ENG\_CVM\_CVM\_1-2232960-7\_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