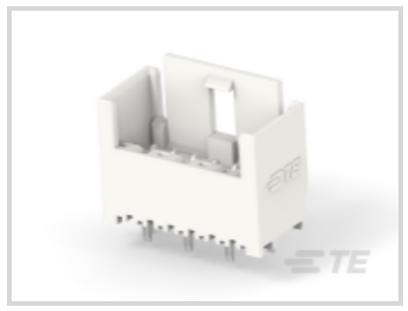
1-2232960-6 ✔ ACTIVE

TE Internal #: 1-2232960-6

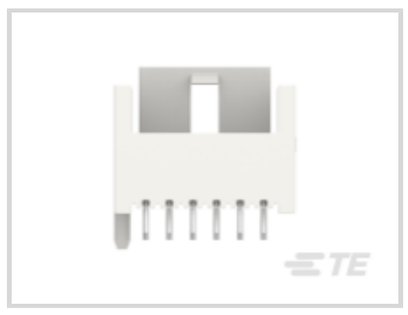
PCB Mount Header, Vertical, Wire-to-Board, 6 Position, 2.5 mm [.098 in] Centerline, Fully Shrouded, Tin (Sn), Through Hole - Solder, Signal, Natural

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: **6**

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	6
Number of Rows	1

Electrical Characteristics

Operating Voltage	50 VAC

Body Features

Primary Product Color	Natural

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

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

Connector Height	15.5 mm[.61 in]
Connector Length	17.6 mm[.69 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

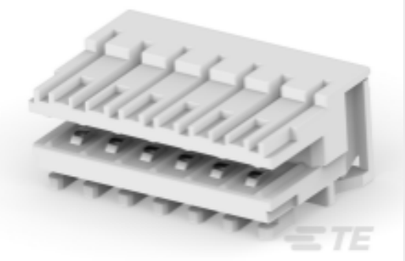
For compliance documentation, visit the product page on TE.com>

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: 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



TE Part # 1-2304525-6
AMP DUOPLUG MK2 CONNECTOR 6P

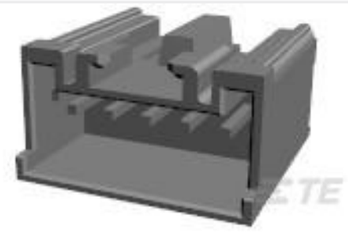
Customers Also Bought



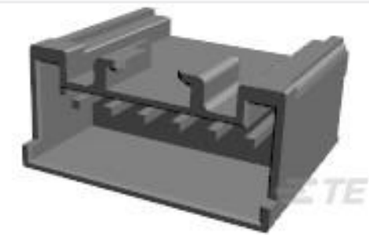
TE Part #179839-1
AMP POWER D/LOCK T/HDR ASSY 3P



TE Part #917724-1
2.5 S.D.LOCK HDR ASSY 4P H/PRO



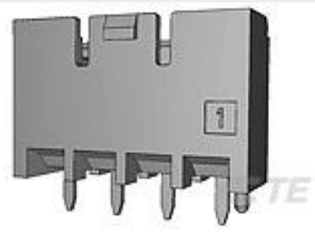
TE Part #917725-1
2.5 SIGNAL D/LOCK HDR ASSY 5P



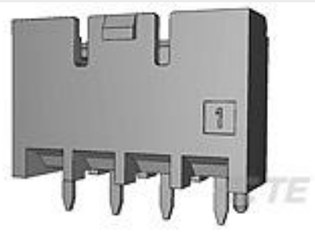
TE Part #917726-1
2.5 S.D.L. P/HDR ASY 6P H/PRO.



TE Part #917790-1
2.5 S.D.L POST HDR ASY 12P STD



TE Part #1-1376382-2
5mm B-T-W Conn. 2P HDR ASSEMBL



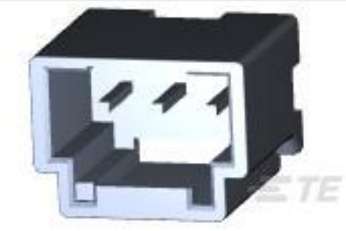
TE Part #2-1376383-3
5MM B-T-W CONN. 3P HDR ASSEMBL



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



TE Part #1-1969688-4
PTL 1X4 PCB HEADER VERT HITEMP KEY A LGR



TE Part #3-1971798-4
NEW GI CONN2.5 HDR ASMBLY 3P YLW D1.0

Documents

Product Drawings

6P POTTED RAST 2.5 HEADER

English

6P POTTED RAST 2.5 HEADER

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-2232960-6_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-2232960-6_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-2232960-6_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