1775317-8 ✔ ACTIVE

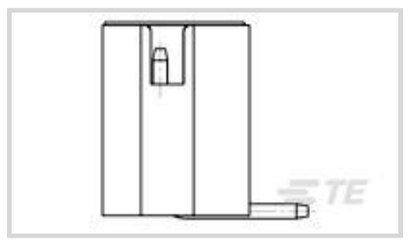
HPI

TE Internal #: 1775317-8

PCB Mount Header, Vertical, Wire-to-Board, 8 Position, 2.5 mm [.098 in] Centerline, Fully Shrouded, Tin (Sn), Surface Mount, Signal, Natural, HPI

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: **8**

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

Connector Contact Load Condition	Fully Loaded
PCB Mount Orientation	Vertical
Number of Positions	8
Number of Rows	1

Electrical Characteristics

Operating Voltage	250 VDC

Body Features

Primary Product Color	Natural

Contact Features

PCB Contact Termination Area Plating Material Finish	Matte
Mating Square Post Dimension	.64 mm[.025 in]

PCB Contact Termination Area Plating Material Thickness	2 µm[80 µin]
Contact Shape & Form	Square
Contact Layout	Inline
Contact Mating Area Length	3.5 mm[.138 in]
Contact Base Material	Brass
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	2 µm[80 µin]
Contact Type	Pin
Contact Current Rating (Max)	3 A

Termination Features

Terminations per Post (Max)	3
Termination Post & Tail Length	2 mm[.079 in]
Square Termination Post & Tail Dimension	.64 mm[.025 in]
Termination Method to PCB	Surface Mount

Mechanical Attachment

Mating Alignment Type	Polarization
PCB Mount Retention Type	Solder Peg
PCB Mount Alignment	Without
Mating Retention	Without
PCB Mount Retention	With
Connector Mounting Type	Board Mount
Mating Alignment	With

Housing Features

Centerline (Pitch)	2.5 mm[.098 in]
Housing Material	PA 9T GF

Dimensions

Connector Width	4.8 mm[.189 in]
PCB Thickness (Recommended)	.8 mm[.031 – .063 in]
Connector Height	6.4 mm[.252 in]
Connector Length	24.5 mm[.965 in]

Usage Conditions

Operating Temperature Range	-25 – 85 °C[-13 – 185 °F]

Operation/Application

Circuit Application	Signal

Industry Standards

UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Quantity	500
Packaging Method	Reel

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	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 # 2405419-1
8P TO 8P 300MM CABLE ASSEMBLY, 440133-8

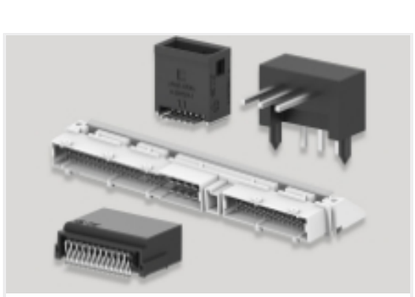


TE Part # 440134-1
2.5mm,Crimp Contact

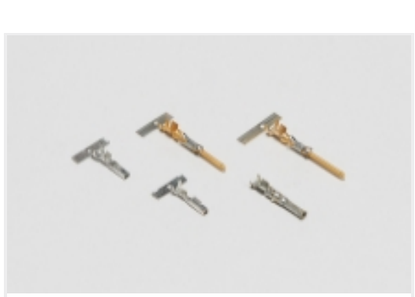
Also in the Series | HPI



Connector Contacts(3)



PCB Headers & Receptacles(332)



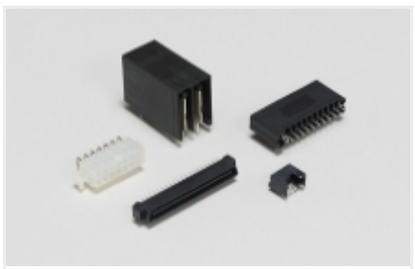
Power Contacts(2)



Rectangular Connector Housings(132)



Rectangular Power Connectors(354)

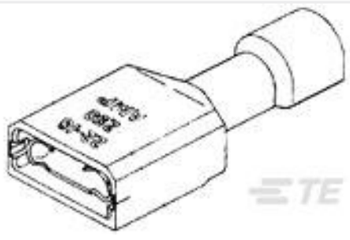


Standard Rectangular Connectors(132)



Wire-to-Board Connector Assemblies & Housings(90)

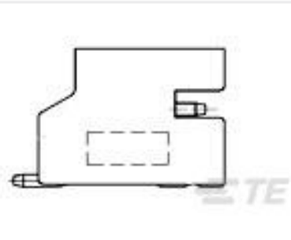
Customers Also Bought



TE Part #3-520150-2
ULTRA-FAST 187 ASY REC 16-14 AWG TPBR



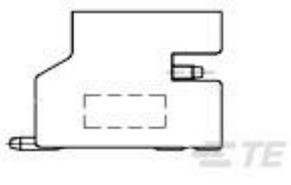
TE Part #1609112-2
10CBS1=F7889 M0



TE Part #1775316-8
HPI.,2.5MM PITCH,R/A,SMT TYPE, 8POS



TE Part #1775317-6
HPI.,2.5MM PITCH,V/T,SMT TYPE,6 POS



TE Part #1775469-2
HPI CONN., 2.0MM, R/A, SMT, 2P, 80U"



TE Part #1-6609106-5
PS0SSSH6A=C1073

Documents

Product Drawings

HPI.,2.5MM PITCH,V/T,SMT TYPE,8 POS

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1775317-8_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1775317-8_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1775317-8_A.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

Datasheets & Catalog Pages

HPI Connectors QRG

English

Product Specifications

AMP 2.5MM PITCH HPI WIRE TO BOARD SYSTEM.

English

Application Specification

English

Agency Approvals

UL

English

UL

English