



Connectors > PCB Connectors > PCB Headers & Receptacles



PCB Connector Type: **PCB Mount Header**

PCB Mount Orientation: **Horizontal**

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

Number of Positions: **8**

Number of Rows: **1**

Features

Product Type Features

Mixed & Hybrid Header	No
Connector Shape	Rectangular
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	Horizontal
Number of Positions	8
Number of Rows	1

Body Features

Connector & Keying Code	A
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Primary Product Color

Black

Contact Features

Mating Tab Thickness	.4 mm[.015 in]
Contact Size	.5mm
Mating Tab Width	.5 mm[.019 in]
Contact Mating Area Plating Material	Tin (Sn)
Contact Type	Tab
Contact Current Rating (Max)	3 A

Termination Features

Termination Method to PCB	Surface Mount
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Mechanical Attachment

Mounting Holes	Without
PCB Mount Alignment	With
Connector Mounting Type	Board Mount
Mating Alignment	With

Housing Features

Centerline (Pitch)	1.8 mm[.07 in]
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Dimensions

Connector Width	6.55 mm[.257 in]
Connector Length	22.96 mm[.9 in]

Usage Conditions

Operating Temperature Range	-40 – 105 °C[-40 – 221 °F]
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Operation/Application

Solder Process	Reflow Solder Capable
Circuit Application	Signal

Industry Standards

UL Flammability Rating	UL 94HB
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Other

Interface Number	208-18060, 114-94000-17
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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	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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 # 2309873-1
6POS,NANOMQS,REC HSG ASSY,
COD A



TE Part # 2282267-1
8POS,NANOMQS,REC HSG,CODA

Customers Also Bought





TE Part #1534046-1
TAB HEADER ASSY 32POS



TE Part #2317523-1
2X4POS,NANOMQS,HDR ASSY,
180DEG,SMD,COD A



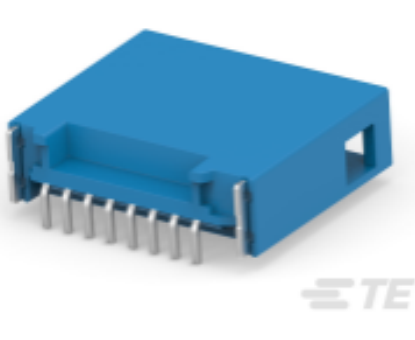
TE Part #2314513-1
10POS,TAB0.5X0.4,HDR ASSY,
180DEG,COD A



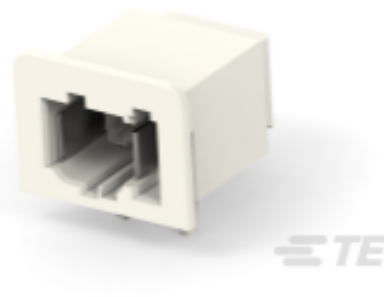
TE Part #2315405-1
4POS,TAB0.5X0.4,HDR ASSY,90DEG,
COD A



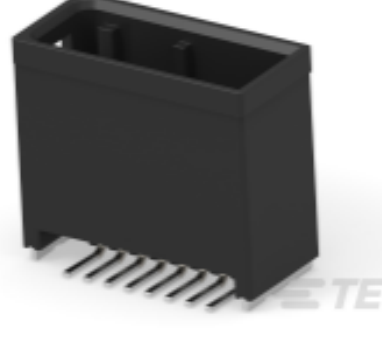
TE Part #2317527-1
2X6POS,NANOMQS,HDR ASSY,
180DEG,SMD,COD A



TE Part #2311396-3
8POS,TAB0.5X0.4,HDR ASSY,180DEG,
COD C



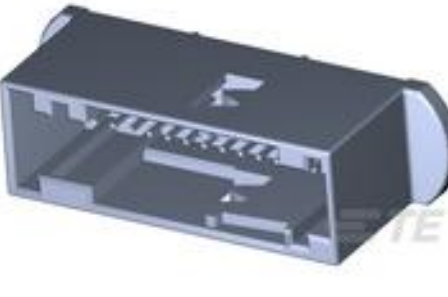
TE Part #2304372-2
1-PORT MATENET HDR ASSY 90DEG,
COD B



TE Part #2317531-1
2X8POS,NANOMQS,HDR ASSY,
180DEG,SMD,COD A



TE Part #4-537593-7
SWITCH DEVICE



TE Part #2-966658-3
32pos MQS .63 header 180deg

Documents

Product Drawings

8POS,TAB0.5X0.4,HDR ASSY,90DEG,COD A

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2315411-1_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2315411-1_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2315411-1_A.3d_stp.zip

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Product Specifications

2315411-1

PCB Mount Header, Horizontal, Wire-to-Board, 8 Position, 1.8 mm [.07 in] Centerline, Fully Shrouded, Tin (Sn), Surface Mount, Signal, Black



Product Specification

English