2317523-1 ✔ ACTIVE

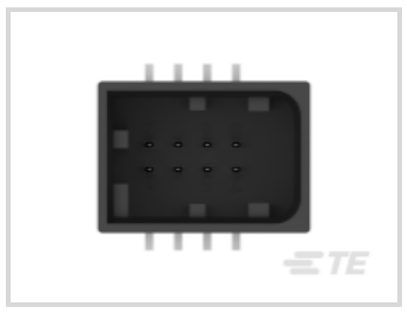
TE Internal #: 2317523-1

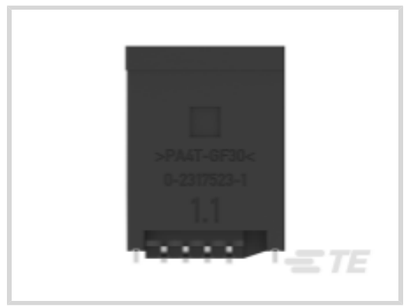
PCB Mount Header, Vertical, Wire-to-Board, 8 Position, 1.8 mm [.07 in] Centerline, Fully Shrouded, Tin, Surface Mount, Signal, Black

View on TE.com >

Connectors > PCB Connectors > PCB Headers & Receptacles







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

Number of Positions: **8**

Centerline (Pitch): **1.8 mm [.07 in]**

Sealable: **No**

PCB Mount Orientation: **Vertical**

Features

Product Type Features

Mixed & Hybrid Header	No
Connector Shape	Rectangular
PCB Connector Assembly Type	PCB Mount Header
Header Type	Fully Shrouded
Connector System	Wire-to-Board
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Number of Positions	8
PCB Mount Orientation	Vertical
Number of Rows	2

Body Features

Primary Product Color	Black
Connector & Keying Code	A

Contact Features

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

Termination Features

Termination Method to Printed Circuit Board	Surface Mount

Mechanical Attachment

Mating Alignment	With
PCB Mount Alignment	With
PCB Mount Retention	With
Connector Mounting Type	Board Mount

Housing Features

Centerline (Pitch)	1.8 mm[.07 in]

Dimensions

Connector Length	13.1 mm[.515 in]
Connector Width	9.4 mm[.37 in]

Usage Conditions

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

Operation/Application

Circuit Application	Signal

Industry Standards

UL Flammability Rating	UL 94HB

Other

Interface Number	114-94000-20

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: JUNE 2023 (235) Candidate List Declared Against: JUNE 2023 (235) 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

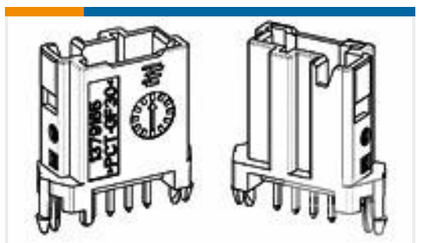
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 # 2312106-1
6POS,NANOMQS,REC HSG ASSY, COD A

TE Part # 2320008-1
8POS,NANOMQS,REC HSG,COD A

Customers Also Bought



TE Part #1379165-4
4pos MQS .63 header 180deg THR

TE Part #5-963716-1
MQS, RECEPTACLE AND TAB

TE Part #2311396-2
8POS,TAB0.5X0.4,HDR ASSY,180DEG, COD B

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

TE Part #2311714-1
6POS,TAB0.5X0.4,HDR ASSY,90DEG, COD A

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

TE Part #2315411-1
8POS,TAB0.5X0.4,HDR ASSY,90DEG, COD A

TE Part #2317525-1
2X5POS,NANOMQS,HDR ASSY, 180DEG,SMD,COD A

TE Part #2330010-1
0.64 SMD 40POSITION CAP ASSEMBLY V-TYPE

Documents

Product Drawings

2X4POS,NANOMQS,HDR ASSY,180DEG,SMD,COD A

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2317523-1_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2317523-1_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2317523-1_A.3d_stp.zip

English

Product Specifications

Product Specification

English