



Automotive Parts > Automotive Connectors > Automotive Headers



PCB Mount Orientation: **Vertical**

Contact Current Rating (Max): **13 A**

Termination Method to PCB: **Surface Mount**

Sealable: **No**

Centerline (Pitch): **1.8 mm [.071 in]**

Features

Product Type Features

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

Configuration Features

Number of Signal Positions	12
Number of Sections	1
PCB Mount Orientation	Vertical
Number of Positions	12
Number of Rows	2

Electrical Characteristics



Operating Voltage	24 VDC
Voltage Rating (Max)	24 VDC

Body Features

Connector & Keying Code	A
Primary Product Color	Black

Contact Features

Mating Tab Width	.5 mm[.019 in]
Mating Tab Thickness	.4 mm[.015 in]
Contact Type	Tab
Contact Current Rating (Max)	13 A
Contact Mating Area Plating Material	Tin (Sn)

Termination Features

Termination Method to PCB	Surface Mount
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Mechanical Attachment

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

Housing Features

Centerline (Pitch)	1.8 mm[.071 in]
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Dimensions

Connector Width	18.4 mm[.72 in]
Connector Length	18.88 mm[.74 in]

Usage Conditions

Operating Temperature (Max)	130 °C[266 °F]
Operating Temperature Range	-40 – 130 °C[-40 – 266 °F]

Operation/Application

Solder Process	Reflow Solder Capable
Circuit Application	Signal

Industry Standards

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UL Flammability Rating	UL 94HB
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Packaging Features

Packaging Quantity	292
Packaging Method	Reel

Other

Interface Number	114-94000-20
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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: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 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 # 2312212-1
12POS,NANOMQS,REC HSG,COD A

TE Part # 2312110-1
10POS,NANOMQS,REC HSG ASSY, COD A

Also in the Series

Nano MQS

Automotive Connector Caps & Covers (2)

Automotive Connector Locks & Position Assurance(3)

Automotive Housings(118)

Automotive Signal & Power Headers (60)

Automotive Terminals(11)

Customers Also Bought

TE Part #515807-E
MCBA 12 M * SMD 137 * 176 * GURT C6 J 2

TE Part #338429-2
TAB 2,8X0,8 ACT PIN

TE Part #1-928776-9
MOD2 STIFT M A-PIN

TE Part #CAT-SIGH262
Signal Header

TE Part #2317509-1
2X7POS,NANOMQS,HDR ASSY, 90DEG,SMD,COD A

TE Part #539878-1
SETZFINGER

TE Part #9-539939-3
TRANSPORTFINGER

TE Part #6-1372733-6
INSERTION FINGER COMPLETE



Documents

Product Drawings

2X6POS,NANOMQS,HDR ASSY,90DEG,SMD,COD A

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2317507-1_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2317507-1_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2317507-1_B.3d_stp.zip

English

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Product Specifications

Product Specification

English