



Connectors > PCB Connectors > PCB Headers & Receptacles > Signal Header



Connector System: **Wire-to-Board**
Number of Positions: **38**
Centerline (Pitch): **2.54 mm, 4.2 mm, 5.5 mm [.197 in]**
Sealable: **No**
PCB Mount Orientation: **Horizontal**

[All Signal Header \(301\)](#)

Features

Product Type Features

Mixed & Hybrid Header	Yes
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 Sections	2
Number of Positions	38
PCB Mount Orientation	Horizontal
Number of Rows	2



Electrical Characteristics

Voltage Rating (Max)	12 VDC
Nominal Voltage Architecture	12 V
Operating Voltage	12 VDC

Body Features

Primary Product Color	Black
Connector & Keying Code	A

Contact Features

Contact Size	.63mm, 1.5mm, 2.8mm, 4.8mm
Contact Type	Tab
Contact Mating Area Plating Material	Tin

Termination Features

Termination Method to Printed Circuit Board	Through Hole - Solder
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Mechanical Attachment

Mounting Holes	Without
Mating Retention	With
Mating Alignment	With
PCB Mount Alignment	With
Panel Mount Feature	With
PCB Mount Retention	With
PCB Mount Retention Type	Boardlock
Mating Retention Type	Locking Interface
Connector Mounting Type	Panel Mount

Housing Features

Centerline (Pitch)	2.54 mm, 4.2 mm, 5.5 mm [.197 in]
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Dimensions

Connector Length	32.3 mm[1.26 in]
Connector Width	97.8 mm[3.814 in]
PCB Thickness (Recommended)	1.6 mm[.063 in]

Usage Conditions

Operating Temperature (Max)	65 °C, 70 °C, 75 °C, 80 °C, 85 °C, 90 °C, 100 °C, 105 °C, 110 °C, 120 °C[149 °F][158 °F][167 °F][176 °F][185 °F][194 °F][212 °F][221 °
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	F][230 °F][248 °F]
Operating Temperature Range	-40 - 120 °C[-40 - 248 °F]

Operation/Application

Shielded	No
Circuit Application	Power & Signal

Packaging Features

Packaging Quantity	12
Packaging Method	Tray

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 2024 (240) Candidate List Declared Against: JUL 2021 (219) 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	Wave solder capable to 240°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 # 1534579-1
16POS MQS REC COD A

TE Part # CAT-AM705-CH8173
AMP MCP Unsealed Connector Housings

TE Part # 1534184-1
MCP COVER ASSY32P

Also in the Series | AMP MCP Connector System

Automotive Connector Caps & Covers (23)

Automotive Connector Locks & Position Assurance(4)

Automotive Housings(291)

Automotive Terminals(110)

Connector Seals & Cavity Plugs(6)

Insertion & Extraction Tools(13)

Other Automotive Connector Accessories(2)

PCB Headers & Receptacles(28)

Customers Also Bought

TE Part # 1461405-5
OJ-SH-112LM

TE Part # 1534531-2
Signal Header

TE Part # 1-1743447-2
ACTION PIN FOR 1.2mm TAB

TE Part # CH03586001
QSZH-125-NR3-40MM

TE Part # CH01536002
RBK-RTP-125-NR3-2-35MM

TE Part # 5-2188220-3
020/060 56P HDR ASSY(CODE D)

TE Part # 7-22282-6
SPRING,COMPRESSION

TE Part # 920-697-115
AV AM/FM/DAB/FZV Porsche



Documents

Product Drawings

TAB HEADER ASSY 38P

English

CAD Files

Customer View Model

ENG_CVM_CVM_1534531-1_C.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1534531-1_C.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1534531-1_C.3d_stp.zip

English

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Product Specifications

Application Specification

English

Application Specification

English