



MQS

TE Internal #: 967688-1
Horizontal, Wire-to-Board, 4 Position, 1 Row, 2.54mm [.1in]
Centerline, Tin (Sn), Printed Circuit Board, 7.5A Contact Current
Rating (Max), Signal

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Automotive Parts > Automotive Connectors > Automotive Headers > Press-Fit & SMT Header



PCB Mount Orientation: **Horizontal**
Contact Current Rating (Max): **7.5 A**
Termination Method to PCB: **Surface Mount**
Sealable: **No**
Centerline (Pitch): **2.54 mm [.1 in]**

[All Press-Fit & SMT Header \(22\)](#)

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	4
Number of Sections	1
PCB Mount Orientation	Horizontal
Number of Positions	4
Number of Rows	1



Body Features

Connector & Keying Code	A
Primary Product Color	Black

Contact Features

Mating Tab Width	.63 mm[.025 in]
Mating Tab Thickness	.63 mm[.025 in]
Contact Type	Tab
Contact Current Rating (Max)	7.5 A
Contact Mating Area Plating Material	Tin (Sn)

Termination Features

Termination Method to PCB	Surface Mount
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Mechanical Attachment

Panel Mount Feature	Without
Mating Retention Type	Locking Interface
PCB Mount Retention	With
Mounting Holes	With
PCB Mount Retention Type	Solder Tail
Mating Alignment	With
PCB Mount Alignment	With
Connector Mounting Type	Board Mount

Housing Features

Centerline (Pitch)	2.54 mm[.1 in]
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Dimensions

Connector Width	8.4 mm[.335 in]
Connector Length	17.1 mm[.673 in]

Usage Conditions

Operating Temperature (Max)	125 °C[212 °F]
Operating Temperature Range	-40 – 125 °C[-40 – 257 °F]

Operation/Application

Solder Process	Reflow Solder Capable
Shielded	No



Circuit Application	Signal
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Packaging Features

Packaging Quantity	392
Packaging Method	Tray

Other

Interface Number	114-18063-001
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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	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	Low Halogen - Br, Cl, F < 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 # 1-968663-1
[LOETWINKEL](#)

TE Part # 2-968663-2
[LOETWINKEL](#)

TE Part # 1-1355397-3
[4POS MQS REC COD A](#)

Customers Also Bought

TE Part #1-776228-2
[23POS,PIN DIA 1.3,HDR ASSY, 180DEG,COD 2](#)

TE Part #6-1614890-2
[CPF 0805 26R1 0.1% 25PPM 1K RL](#)

TE Part #1676341-2
[RN 0805 43K2 0.1% 10PPM 1KRL](#)

TE Part #1676480-8
[CRG0402 1% 120R](#)

TE Part #3-1676481-9
[CPF 0603 220R 0.1% 25PPM 1K RL](#)

TE Part #8-1676481-9
[CPF 0603 39K 0.1% 25PPM 1K RL](#)

TE Part #4-2176331-0
[CRGP 2512 18K 1%](#)

TE Part #4-2176459-3
[SMW 7W 5R6 5% Taped](#)

TE Part #5-5179009-3
[0.8FH,R09H.5,080,08/Sn,TU](#)

TE Part #2-6447232-3
[SUPER SEAL 34POS CAP ASSY V AU](#)

Documents

CAD Files

3D PDF

English

Customer View Model

[ENG_CVM_967688-1_B5.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_967688-1_B5.3d_stp.zip](#)

English



Customer View Model

[ENG_CVM_967688-1_B5.2d_dxf.zip](#)

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_967688-1_B.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_967688-1_B.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_967688-1_B.3d_stp.zip](#)

English

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Product Specifications

[Product Specification](#)

English