



**MQS**

TE Internal #: 936287-2

PCB Mount Header, Horizontal, Wire-to-Board, 6 Position, 2.54 mm  
 [.1 in] Centerline, Fully Shrouded, Tin, Through Hole - Solder,  
 Signal, Natural, Tube

[View on TE.com >](#)

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



EU RoHS Compliance: **Compliant**

EU ELV Compliance: **Compliant**

PCB Connector Assembly Type: **PCB Mount Header**

PCB Mount Orientation: **Horizontal**

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

[All Signal Header \(280\)](#)

**Features**

**Other**

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant
Interface Number	936289

**Product Type Features**

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

**Configuration Features**

Number of Signal Positions	6
Number of Sections	1
PCB Mount Orientation	Horizontal
Number of Positions	6
Number of Rows	1

**Body Features**



Connector & Keying Code	B
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Primary Product Color	Natural
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### Contact Features

Contact Size	.63mm
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Mating Tab Width	.63 mm[.024 in]
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Mating Tab Thickness	.63 mm[.024 in]
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Contact Mating Area Plating Material	Tin
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Contact Type	Tab
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### Termination Features

Termination Method to PCB	Through Hole - Solder
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### Mechanical Attachment

Panel Mount Feature	Without
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Mounting Holes	Without
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PCB Mount Retention	Without
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PCB Mount Alignment	With
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Mating Alignment	With
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### Housing Features

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

Connector Width	15.8 mm[.622 in]
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Profile Height from PCB	7.4 mm[.291 in]
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Connector Length	21.6 mm[.85 in]
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### Usage Conditions

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

Shielded	No
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Circuit Application	Signal
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### Packaging Features

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Packaging Quantity	22
Packaging Method	Tube

### 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 2024 (241) Candidate List Declared Against: JUNE 2024 (241) 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 # CAT-M8793-CH8172  
MQS, CONNECTOR HOUSING



TE Part # 936288-2  
MQS HDR 6P HSG TYPE-B

### Customers Also Bought



## Documents

### Product Drawings

[6pos MQS .63 header 90deg](#)

English

### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_936287-2\\_A\\_c-936287-2-a.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_936287-2\\_A\\_c-936287-2-a.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_936287-2\\_A\\_c-936287-2-a.3d\\_stp.zip](#)

English

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

### Product Specifications

[Product Specification](#)

English