



MQS

TE Internal #: 1-967658-1  
Horizontal, Wire-to-Board, 8 Position, 2 Rows, 4mm [.157in]  
Centerline, Tin (Sn), Printed Circuit Board, Signal, Black, Board Mount  
[View on TE.com >](#)

Automotive Parts > Automotive Connectors > Automotive Headers > Signal Header



PCB Mount Orientation: **Horizontal**  
Termination Method to PCB: **Through Hole - Solder**  
Sealable: **No**  
Centerline (Pitch): **4 mm [ .157 in ]**  
Connector System: **Wire-to-Board**

[All Signal Header \(237\)](#)

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 | 8          |
| Number of Sections         | 1          |
| PCB Mount Orientation      | Horizontal |
| Number of Positions        | 8          |
| Number of Rows             | 2          |



Electrical Characteristics

|                              |        |
|------------------------------|--------|
| Operating Voltage            | 12 VDC |
| Nominal Voltage Architecture | 12 V   |

Body Features

|                       |       |
|-----------------------|-------|
| Primary Product Color | Black |
|-----------------------|-------|

Contact Features

|                                      |                 |
|--------------------------------------|-----------------|
| Mating Tab Width                     | .63 mm[.025 in] |
| Mating Tab Thickness                 | .63 mm[.025 in] |
| Contact Type                         | Tab             |
| Contact Mating Area Plating Material | Tin (Sn)        |

Termination Features

|                           |                       |
|---------------------------|-----------------------|
| Termination Method to PCB | Through Hole - Solder |
|---------------------------|-----------------------|

Mechanical Attachment

|                          |                   |
|--------------------------|-------------------|
| Panel Mount Feature      | Without           |
| Mating Retention Type    | Locking Interface |
| PCB Mount Retention      | Without           |
| Mounting Holes           | Without           |
| PCB Mount Retention Type | Mounting Hole     |
| Mating Alignment         | With              |
| PCB Mount Alignment      | Without           |
| Connector Mounting Type  | Board Mount       |

Housing Features

|                    |               |
|--------------------|---------------|
| Centerline (Pitch) | 4 mm[.157 in] |
|--------------------|---------------|

Dimensions

|                             |                             |
|-----------------------------|-----------------------------|
| Connector Width             | 25.9 mm[1.02 in]            |
| PCB Thickness (Recommended) | .8 – 1.6 mm[.031 – .063 in] |
| Profile Height from PCB     | 16.55 mm[.652 in]           |
| Connector Length            | 28.2 mm[1.11 in]            |

Usage Conditions

|                             |                            |
|-----------------------------|----------------------------|
| Operating Temperature (Max) | 120 °C[248 °F]             |
| Operating Temperature Range | -40 – 120 °C[-40 – 248 °F] |



Operation/Application

|                     |        |
|---------------------|--------|
| Shielded            | No     |
| Circuit Application | Signal |

Packaging Features

|                    |             |
|--------------------|-------------|
| Packaging Quantity | 450         |
| Packaging Method   | Loose Piece |

Other

|                  |              |
|------------------|--------------|
| Interface Number | 114-18063-34 |
|------------------|--------------|

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)<br>Candidate List Declared Against: JUNE 2025 (250)<br>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 # 1-1534229-1  
8POS MQS REC COD A

TE Part # 7-965906-5  
MQS0,63 Au rec LL EDS 0,5-0,75

TE Part # CAT-M8793-T273  
MQS, RECEPTACLE AND TAB

TE Part # 7-962885-5  
MQS0,63 Au rec LL EDS 0,2-0,35

Customers Also Bought

TE Part #20018051-50  
MS5849-30BA36 CL RESISTANT LS T&R

TE Part #292207-8  
MINI CT SGL DIP V 8P NAT

TE Part #CAT-LMPH9507  
Low & Medium Power Header

TE Part #1744418-4  
4 POS EP 2.5 HDR, GLOW WIRE

TE Part #1744418-5  
5 POS EP 2.5 HDR, GLOW WIRE

TE Part #1744418-6  
6 POS EP 2.5 HDR, GLOW WIRE

TE Part #2-1879354-5  
RR03 5% 3R3 AMMO

TE Part #8-2176367-2  
RQ 0603 32K4 0.1% 10PPM 1K RL

Documents

Product Drawings

8pos MQS .63 header 90deg

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_1-967658-1\_C.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_1-967658-1\_C.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_1-967658-1\_C.3d\_stp.zip

English

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

1-967658-1

Horizontal, Wire-to-Board, 8 Position, 2 Rows, 4mm [.157in] Centerline, Tin (Sn),  
Printed Circuit Board, Signal, Black, Board Mount



Product Specifications

Product Specification

German