



MQS

TE Internal #: 185730-1
PCB Mount Header, Vertical, Wire-to-Board, 3 Position, 2.54 mm [.1 in] Centerline, Fully Shrouded, Tin (Sn), Through Hole - Solder, Signal, Black

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



PCB Connector Type: **PCB Mount Header**
PCB Mount Orientation: **Vertical**
Connector System: **Wire-to-Board**
Number of Positions: **3**
Number of Rows: **1**

[All Signal Header \(245\)](#)

Features

Product Type Features

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

Configuration Features

Number of Signal Positions	3
Number of Sections	1
PCB Mount Orientation	Vertical
Number of Positions	3



Number of Rows	1
Electrical Characteristics	
Operating Voltage	12 VDC
Nominal Voltage Architecture	12 V
Body Features	
Primary Product Color	Black
Contact Features	
Contact Size	.63mm
Mating Tab Width	.63 mm[.025 in]
Mating Tab Thickness	.63 mm[.025 in]
Contact Mating Area Plating Material	Tin (Sn)
Contact Type	Tab
Termination Features	
Termination Method to PCB	Through Hole - Solder
Mechanical Attachment	
Panel Mount Feature	Without
Mating Retention Type	Locking Interface
Mounting Holes	With
Mating Retention	With
PCB Mount Retention	Without
PCB Mount Alignment	Without
Mating Alignment	With
Housing Features	
Centerline (Pitch)	2.54 mm[.1 in]
Dimensions	
Connector Width	6.6 mm[.26 in]
PCB Thickness (Recommended)	1.6 mm[.063 in]
Connector Length	18.97 mm[.747 in]
Profile Height from PCB	14.6 mm[.575 in]
Usage Conditions	
Operating Temperature (Max)	65 °C, 70 °C, 75 °C, 80 °C, 85 °C[149 °F][158 °F][167 °F][176 °F][185 °F]



Operating Temperature Range	-40 – 85 °C[-40 – 185 °F]
Operation/Application	
Shielded	No
Circuit Application	Signal
Industry Standards	
UL Flammability Rating	UL 94HB
Packaging Features	
Packaging Quantity	2500
Packaging Method	Tray
Other	
Interface Number	208-15515

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 2025 (247) Candidate List Declared Against: JAN 2025 (247) 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 # 1-962755-8
MQS STIFT GEH 3P

TE Part # 1-929089-1
3POS MQS FFC REC COD A

TE Part # 185309-1
PLUG HOUSING 3W MQS

Customers Also Bought

TE Part #3-794618-4
04P MICRO MNL ASSY R/A HDR LF

TE Part #2132230-7
EP2.5 Shrouded HDR ASSY 7P VER

TE Part #3-794618-6
06P MICRO MNL ASSY R/A HDR LF

TE Part #1-1355730-1
3pos MQS .63 header 90deg

TE Part #2132230-2
EP2.5 Shrouded HDR ASSY 2P VER

TE Part #3-794618-8
08P MICRO MNL ASSY R/A HDR LF

TE Part #4-794630-0
10POS MICRO MNL ASSY,VRT,HDR

TE Part #5748146-4
25 PLUG ACT PIN/MS MED INSRT

TE Part #2298721-1
4P,MATE-AX,SOC HSG ASSY,180DEG, COD A

TE Part #966595-1
MESSERSLEISTE 68P

Documents

Product Drawings
3pos MQS .63 header 180deg
English

CAD Files
Customer View Model
ENG_CVM_CVM_185730-1_O.2d_dxf.zip



English

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_185730-1_O.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_185730-1_O.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

Instruction Sheets

[Embase 3 Voies MQS Droite](#)

English

[Instruction Sheet \(non U.S.\)](#)

English