### 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

View on TE.com >



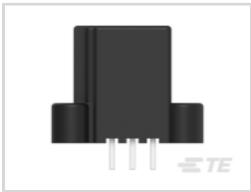
Connectors > PCB Connectors > PCB Headers & Receptacles > Signal Header











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**







# Customers Also Bought





















### **Documents**

**Product Drawings** 

3pos MQS .63 header 180deg

English

#### **CAD Files**

**Customer View Model** 

ENG\_CVM\_CVM\_185730-1\_O.2d\_dxf.zip

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



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