

# 32pos MQS .63 header 180deg ✓ ACTIVE

## MQS

TE Part # 966658-2

TE Internal #: 966658-2

SIGNAL HEADER

[View on TE.com >](#)



Connectors > Automotive, Truck, Bus, & Off-Road Connectors > PCB Headers > SIGNAL HEADER



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

Number of Positions: **32**

Centerline (Pitch): **2.54 mm [.1 in]**

Sealable: **No**

Mounting Orientation: **Vertical/180°**

[All SIGNAL HEADER \(439\)](#)

## Features

### Product Type Features

Shielded	No
Hybrid Header	No
Connector System	Wire-to-Board
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board

### Configuration Features

Number of Signal Positions	32
Number of Positions	32
Number of Rows	2

### Electrical Characteristics

Nominal Voltage Architecture	12 V
------------------------------	------

### Body Features

Color	Blue
-------	------

### Contact Features

Tab Width	.6 mm[.024 in]
Tab Thickness	.6 mm[.024 in]
Interface Plating	Tin (Sn)



### Termination Features

Termination Method	Through Hole - Solder
--------------------	-----------------------

### Mechanical Attachment

Locking Interface	With
PCB Mount Retention	With
PCB Mount Retention Type	Boardlock
Mounting Orientation	Vertical/180°

### Housing Features

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

### Dimensions

Length	57.6 mm[2.26 in]
Profile Height from PCB	20.2 mm[.795 in]
Width	15.6 mm[.614 in]

### Usage Conditions

Operating Temperature (Max)	100 °C, 65 °C, 70 °C, 75 °C, 80 °C, 85 °C, 90 °C[149 °F][158 °F][167 °F][176 °F][185 °F][194 °F][212 °F]
Operating Temperature Range	-30 – 100 °C[-22 – 212 °F]

### Operation/Application

Circuit Application	Signal
---------------------	--------

### Industry Standards

UL Flammability Rating	UL 94-HB
------------------------	----------

### 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 2019 (197) Candidate List Declared Against: JAN 2019 (197)
Halogen Content	BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.

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 Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles' (Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

### Compatible Parts




TE Part # 966661-3  
TSP/MOD STVERB2X16P




TE Part # 1420000-1  
MQS BU-GEH 32P

### Also in the Series | MQS



Automotive Connector  
Caps & Covers(141)




Automotive Connector  
EMC Shielding(2)




Automotive Connector  
Locks & Position Assurance  
(29)



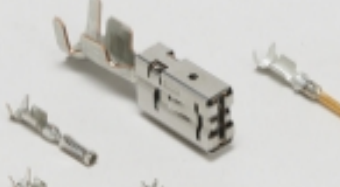
Automotive Seals & Cavity  
Plugs(34)



Automotive, Truck, Bus, &  
Off-Road Headers(212)



Automotive, Truck, Bus, &  
Off-Road Housings(536)



Automotive, Truck, Bus, &  
Off-Road Terminals(110)



Data Connectivity Headers  
(1)



[Other Automotive Connector Accessories\(13\)](#)

## Customers Also Bought



TE Part #1534222-2  
MQS ABDECKKAPP2X16P



TE Part #1420001-1  
MQS VERSCHL.PLATTE



TE Part #2-966658-2  
32pos MQS .63 header  
180deg

## Documents

### Product Drawings

[32pos MQS .63 header 180deg](#)

English

### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_966658-2\\_G.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_966658-2\\_G.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_966658-2\\_G.3d\\_stp.zip](#)

English

### Product Specifications

[Product Specification](#)

English