



**MQS**

TE Internal #: 1452053-1

PCB Mount Header, Horizontal, Wire-to-Board, 27 Position, 7.62 mm / 2.54 mm [.3 in / .1 in] Centerline, Fully Shrouded, Tin, MQS

[View on TE.com >](#)

Connectors > PCB Connectors > PCB Headers & Receptacles > SIGNAL HEADER



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

Number of Positions: **27**

Centerline (Pitch): **2.54 mm, 7.62 mm [ .1 in, .3 in ]**

Sealable: **No**

PCB Mount Orientation: **Horizontal**

[All SIGNAL HEADER \(413\)](#)

**Features**

**Product Type Features**

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

**Configuration Features**

Number of Sections	1
Number of Signal Positions	27
Number of Positions	27
PCB Mount Orientation	Horizontal
Number of Rows	2

**Body Features**

Primary Product Color	Black
Connector Code	A

**Contact Features**

Contact Size	.64mm, 5.2mm
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Contact Type	Tab
Mating Tab Width	.63 mm, 5.2 mm [.024 in][.204 in]
Mating Tab Thickness	.6 mm, .63 mm [.023 in][.024 in]
Contact Mating Area Plating Material	Tin

### Termination Features

Termination Method to Printed Circuit Board	Through Hole - Solder
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### Mechanical Attachment

Mounting Holes	Without
Mating Retention	With
Mating Alignment	With
PCB Mount Alignment	With
Panel Mount Feature	Without
PCB Mount Retention	With
PCB Mount Retention Type	Boardlock
Mating Retention Type	Locking Interface

### Housing Features

Centerline (Pitch)	2.54 mm, 7.62 mm [.1 in][.3 in]
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### Dimensions

Connector Length	60 mm [2.36 in]
Connector Width	29.5 mm [1.16 in]
Profile Height from PCB	18.9 mm [.744 in]

### Operation/Application

Shielded	No
Circuit Application	Signal

### Packaging Features

Packaging Type	Box
Packaging Quantity	385

### Product Compliance

For compliance documentation, visit the product page on [TE.com](https://www.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 2022 (224) Candidate List Declared Against: JUNE 2022 (224) 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>

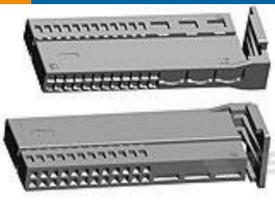
### Compatible Parts



TE Part # 1241728-2  
27POS MIXED MQS REC



TE Part # 1355543-1  
UMGEH M.SCHIEBER32P

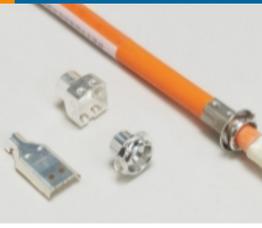


TE Part # 1241728-1  
PQ,MQS SOCKET HOUSING 3+24P

### Also in the Series | MQS



Automotive Connector Caps & Covers (133)



Automotive Connector EMC Shielding (2)



Automotive Connector Locks & Position Assurance(29)



Automotive Housings(492)



Automotive Seals &amp; Cavity Plugs(26)



Automotive Terminals(96)



Insertion &amp; Extraction Tools(42)



Other Automotive Connector Accessories(13)



PCB Headers &amp; Receptacles(209)

## Documents

### Product Drawings

[27pos hybrid MQS .63 header 90deg](#)

English

### CAD Files

Customer View Model

[ENG\\_CVM\\_CVM\\_1452053-1\\_C.2d\\_dxf.zip](#)

English

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_1452053-1\\_C.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1452053-1\\_C.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