



MQS

TE Internal #: 1-1355154-1  
Vertical, Wire-to-Board, 18 Position, 2 Row, 2.54mm [.1in]  
Centerline, Tin (Sn), Printed Circuit Board, 7.5A Contact Current  
Rating (Max), Signal

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Automotive Parts > Automotive Connectors > Automotive Headers > Signal Header



PCB Mount Orientation: **Vertical**  
Contact Current Rating (Max): **7.5 A**  
Termination Method to PCB: **Through Hole - Solder**  
Sealable: **No**  
Centerline (Pitch): **2.54 mm [ .1 in ]**

[All Signal Header \(232\)](#)

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 | 18       |
| Number of Sections         | 1        |
| PCB Mount Orientation      | Vertical |
| Number of Positions        | 18       |
| Number of Rows             | 2        |



Body Features

|                         |       |
|-------------------------|-------|
| Connector & Keying Code | A     |
| Primary Product Color   | Black |

Contact Features

|                                      |                 |
|--------------------------------------|-----------------|
| Mating Tab Width                     | .63 mm[.025 in] |
| Mating Tab Thickness                 | .63 mm[.025 in] |
| Contact Type                         | Tab             |
| Contact Current Rating (Max)         | 7.5 A           |
| Contact Mating Area Plating Material | Tin (Sn)        |

Termination Features

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

Mechanical Attachment

|                          |                   |
|--------------------------|-------------------|
| Panel Mount Feature      | With              |
| Mating Retention Type    | Locking Interface |
| PCB Mount Retention      | With              |
| Mounting Holes           | With              |
| PCB Mount Retention Type | Mounting Hole     |
| Mating Alignment         | With              |
| PCB Mount Alignment      | With              |
| Connector Mounting Type  | Board Mount       |

Housing Features

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

Dimensions

|                             |                   |
|-----------------------------|-------------------|
| Connector Width             | 23.8 mm[.937 in]  |
| PCB Thickness (Recommended) | 1.6 mm[.063 in]   |
| Connector Length            | 41.3 mm[1.626 in] |
| Profile Height from PCB     | 20.3 mm[.799 in]  |

Usage Conditions

|                             |                                                                                  |
|-----------------------------|----------------------------------------------------------------------------------|
| Operating Temperature (Max) | 65 °C, 70 °C, 75 °C, 80 °C, 85 °C, 90 °C, 100 °C, 105 °C, 110 °C, 120 °C[212 °F] |
| Operating Temperature Range | -40 – 120 °C[-40 – 248 °F]                                                       |

Operation/Application



|                     |                     |
|---------------------|---------------------|
| Solder Process      | Wave Solder Capable |
| Shielded            | No                  |
| Circuit Application | Signal              |

Industry Standards

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

Packaging Features

|                    |      |
|--------------------|------|
| Packaging Quantity | 384  |
| Packaging Method   | Tray |

Other

|                  |         |
|------------------|---------|
| Interface Number | 1355350 |
|------------------|---------|

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 | 有害物质含量符合标准要求 No Restricted Substance(s) 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                     | Not applicable for solder process capability                                                                                    |

Product Compliance Disclaimer

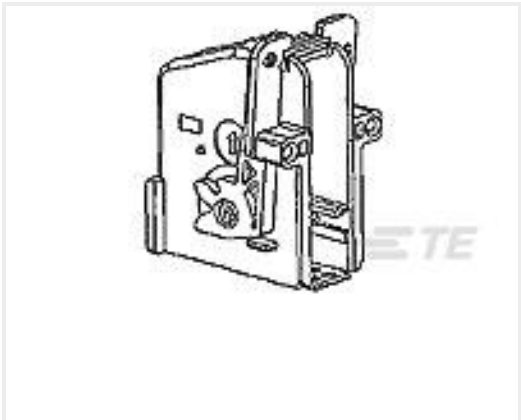
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 # 1355348-1  
18POS MQS REC



TE Part # 1-1355350-1  
MQS ABDECKKAPPE 18P

Customers Also Bought



TE Part #DT15-08PA  
HDR, 8P, GRY, ST, NI/CU, A



TE Part #5-146132-1  
03 MODII HDR SR SFMNT B/A .100



TE Part #CAT-SIGH262  
Signal Header



TE Part #CAT-M8793-CH8172  
MQS, CONNECTOR HOUSING



TE Part #1-1418362-3  
62 POS MIXED HEADER CODA



TE Part #2286547-1  
HSD,HDR ASSY,180DEG,COD A

Document

Product Drawings  
18P,TAB0.63X0.63,HDR,SLDR,COD A  
English

CAD Files  
Customer View Model  
ENG\_CVM\_CVM\_1-1355154-1\_B.2d\_dxf.zip  
English  
3D PDF  
3D  
Customer View Model  
ENG\_CVM\_CVM\_1-1355154-1\_B.3d\_igs.zip  
English  
Customer View Model  
ENG\_CVM\_CVM\_1-1355154-1\_B.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

Product Specification

English