# 1-2300483-2 ✔ ACTIVE

MQS

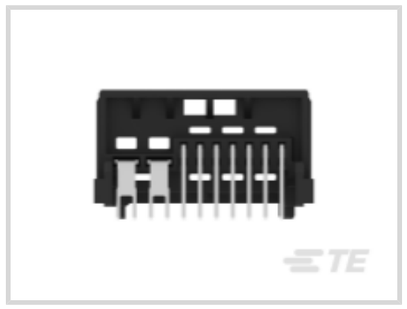
TE Internal #: 1-2300483-2

Horizontal, Wire-to-Board, 16 Position, 2 Row, 2.54mm / 5.08mm [.1in / .2in] Centerline, Tin (Sn), Printed Circuit Board

View on TE.com >

Automotive Parts > Automotive Connectors > Automotive Headers




PCB Mount Orientation: **Horizontal**

Contact Current Rating (Max): **7.5 A**

Termination Method to PCB: **Through Hole - Solder**

Sealable: **No**

Centerline (Pitch): **2.54 mm, 5.08 mm [ .1 in, .2 in ]**

## Features

### Product Type Features

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

### Configuration Features

| | |
|---|---|
| PCB Mount Orientation | Horizontal |
| Number of Positions | 16 |
| Number of Rows | 2 |

### Body Features

| | |
|---|---|
| Primary Product Color | Black |

### Contact Features

| | |
|---|---|
| Mating Tab Thickness | .6 mm, .8 mm[.02 in][.03 in] |
| Contact Type | Tab |
| Mating Tab Width | .63 mm, 2.8 mm[.02 in][.1 in] |
| 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

| | |
|---|---|
| Mating Alignment | With |
| PCB Mount Alignment | With |
| PCB Mount Retention | With |
| Connector Mounting Type | Board Mount |

### Housing Features

| | |
|---|---|
| Centerline (Pitch) | 2.54 mm, 5.08 mm[.1 in][.2 in] |

### Operation/Application

| | |
|---|---|
| Circuit Application | Power & Signal |

### Packaging Features

| | |
|---|---|
| Packaging Method | Tray |

## 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 reviewed for solder process capability |

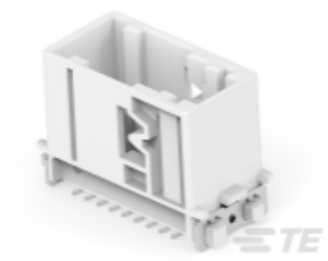
Product Compliance Disclaimer

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 # 4-1241953-0
CONTACT PIN

## Customers Also Bought



TE Part #1438543-2
18P SMT LAC HDR ASY KEY BE,WHT



TE Part #1802828-1
24W TH HEADER ASSY BLACK

## Documents

### Product Drawings

16POS,MIXED,HEADER ASSY

English

### CAD Files

3D PDF

3D

Customer View Model
ENG_CVM_CVM_1-2300483-2_A.2d_dxf.zip

English

Customer View Model
ENG_CVM_CVM_1-2300483-2_A.3d_igs.zip

English

## Customer View Model

ENG_CVM_CVM_1-2300483-2_A.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