# 1355505-1 ✔ ACTIVE

MQS

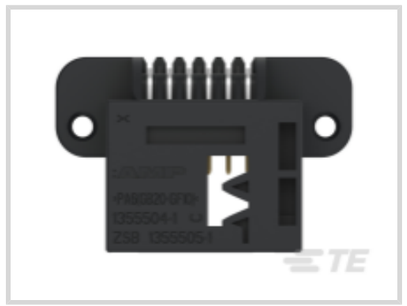
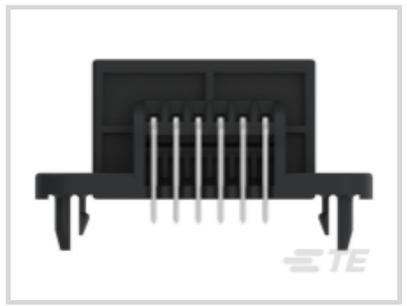
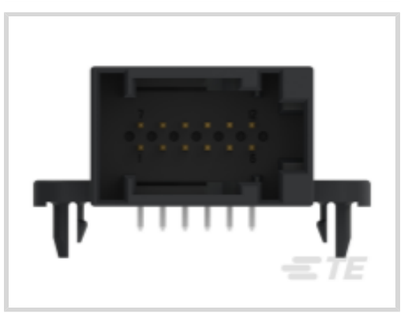
TE Internal #: 1355505-1

Horizontal, Wire-to-Board, 12 Position, 2 Rows, 2.54mm [.1in] Centerline, Tin (Sn), Printed Circuit Board, Signal, Black, Board Mount

View on TE.com >

Automotive Parts > Automotive Connectors > Automotive Headers > Signal Header



PCB Mount Orientation: **Horizontal**

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

Sealable: **No**

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

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

All Signal Header (237)

## 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 | 12 |
| Number of Sections | 1 |
| PCB Mount Orientation | Horizontal |
| Number of Positions | 12 |
| Number of Rows | 2 |

## Electrical Characteristics

| | |
|---|---|
| Operating Voltage | 12 VDC |
| Voltage Rating (Max) | 12 VDC |
| Nominal Voltage Architecture | 12 V |

## Body Features

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

## Contact Features

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

## Termination Features

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

## Mechanical Attachment

| | |
|---|---|
| Panel Mount Feature | Without |
| PCB Mount Retention | With |
| Mounting Holes | With |
| PCB Mount Retention Type | Boardlock |
| Mating Alignment | With |
| PCB Mount Alignment | With |
| Connector Mounting Type | Board Mount |

## Housing Features

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

## Dimensions

| | |
|---|---|
| Connector Width | 25.27 mm[.986 in] |
| PCB Thickness (Recommended) | .8 – 1.6 mm[.031 – .063 in] |
| Profile Height from PCB | 15.9 mm[.626 in] |
| Connector Length | 38.4 mm[1.498 in] |

## Usage Conditions

| | |
|---|---|
| Operating Temperature (Max) | 85 °C[185 °F] |

| | |
|---|---|
| Operating Temperature Range | -40 – 85 °C[-40 – 185 °F] |

### Operation/Application

| | |
|---|---|
| Shielded | No |
| Circuit Application | Signal |

### Packaging Features

| | |
|---|---|
| Packaging Quantity | 432 |
| Packaging Method | Loose Piece |

### Other

| | |
|---|---|
| Interface Number | 968473 |

## 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: 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 | Wave solder capable to 240°C |

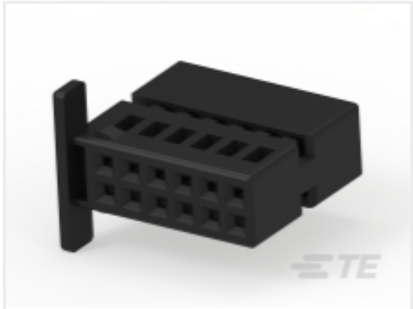
Product Compliance Disclaimer

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 # 929051-1
MQS ABDEKA M.HEB12P

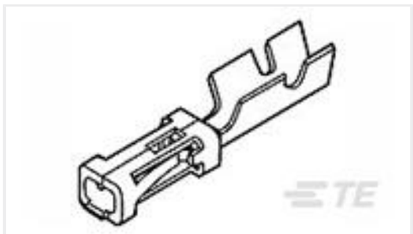


TE Part # 968473-1
12POS MQS REC

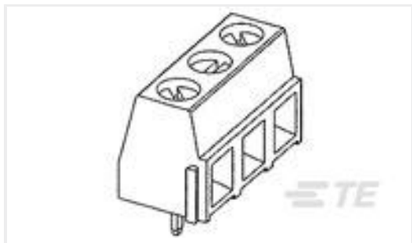
## Customers Also Bought



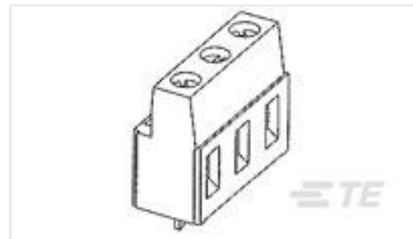
TE Part #2820323006
44A0111-22-2



TE Part #2-87195-4
MOD IV RECP PLTE 15 DPLX



TE Part #282836-4
TERMI-BLOK PCB MOUNT 90 4P.



TE Part #282844-2
TERMI-BLOK PCB MOUNT 90 2P.



TE Part #1-316131-2
DYNAMIC D-3200 HDR ASSY 6P H PdNi &Au



TE Part #5-968220-1
MQS0,63 Sn rec CB unseal. 0,2-0,35



TE Part #1-1571983-4
GDH10STR04=DIP SWITCH



TE Part #1743284-1
MQS HDR 8P ASSY(H-TYPE)




TE Part #8-2176070-4
3521 30K 1% 2W



TE Part #E960193001
FLHTC0311-0.35-4

## Documents

### Product Drawings

12pos MQS .63 header 90deg

English

### CAD Files

3D PDF

3D

### Customer View Model

ENG_CVM_CVM_1355505-1_D.2d_dxf.zip

English

### Customer View Model

ENG_CVM_CVM_1355505-1_D.3d_igs.zip

English

### Customer View Model

ENG_CVM_CVM_1355505-1_D.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

## Product Specifications

### Application Specification

English

Mating connection 10 position for MT3 rec. housing

English