# 1-1670459-2 ✔ ACTIVE

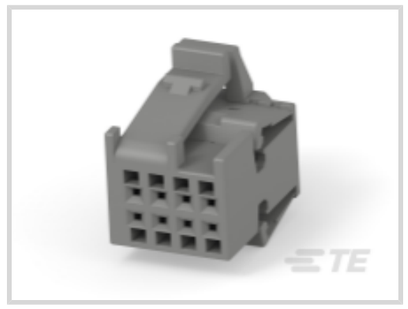
MQS

TE Internal #: 1-1670459-2

12 V, 8 Position, Automotive Housing for Female Terminals, Wire-to-Board / Wire-to-Wire, 2.54 mm [.1 in] Centerline, Gray, Wire & Cable, Signal

View on TE.com >

Automotive Parts > Automotive Connectors > Automotive Housings > MQS, CONNECTOR HOUSING







Nominal Voltage Architecture: **12 V**

Connector & Housing Type: **Housing for Female Terminals**

Number of Positions: **8**

Sealable: **No**

Operating Temperature Range: **-40 – 120 °C [ -40 – 248 °F ]**

All MQS, CONNECTOR HOUSING (339)

## Features

### Product Type Features

| | |
|---|---|
| Mixed & Hybrid Connector | No |
| Connector Shape | Rectangular |
| Connector & Housing Type | Housing for Female Terminals |
| Sealable | No |
| Primary Locking Feature | Locking Lance |
| Connector System | Wire-to-Board, Wire-to-Wire |
| Connector & Contact Terminates To | Wire & Cable |

### Configuration Features

| | |
|---|---|
| Number of Positions | 8 |
| Number of Rows | 2 |

### Electrical Characteristics

| | |
|---|---|
| Operating Voltage | 25 VDC |

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

## Body Features

| | |
|---|---|
| Cable Exit Angle | 180 ° |
| Primary Product Color | Gray |
| Connector & Keying Code | A |

## Contact Features

| | |
|---|---|
| Contact Size | .63mm |
| Contact Type | Receptacle |
| Mating Tab Width | .63 mm[.025 in] |
| Contact Current Rating (Max) | 7.5 A |

## Mechanical Attachment

| | |
|---|---|
| Strain Relief | Without |
| Terminal Position Assurance | No |
| Mating Alignment Type | Keyed |
| Mating Alignment | With |
| Connector Mounting Type | Cable Mount (Free-Hanging) |

## Housing Features

| | |
|---|---|
| Housing Material | PBT GF |
| Centerline (Pitch) | 2.54 mm[.1 in] |

## Dimensions

| | |
|---|---|
| Row-to-Row Spacing | 2.54 mm[.1 in] |
| Product Width | 12.3 mm[.484 in] |
| Product Length | 17.9 mm[.704 in] |
| Connector Height | 14.4 mm[.567 in] |

## Usage Conditions

| | |
|---|---|
| Operating Temperature Range | -40 – 120 °C[-40 – 248 °F] |
| Operating Temperature (Max) | 120 °C[248 °F] |

## Operation/Application

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

## Packaging Features

| | |
|---|---|
| Packaging Quantity | 4000 |
| Packaging Method | Box |

### Other

| | |
|---|---|
| Serviceable | No |
| Connector Position Assurance Capable | No |

## 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: JAN 2025 (247)<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 # 1-1355211-2
8P,TAB0.63X0.63,HDR,180DEG,SLDR, COD A



TE Part # CAT-M8793-T273
MQS, RECEPTACLE AND TAB

## Customers Also Bought



TE Part #964265-2
TAB A 1.6x0.6 CONTACT CF SRC Sn



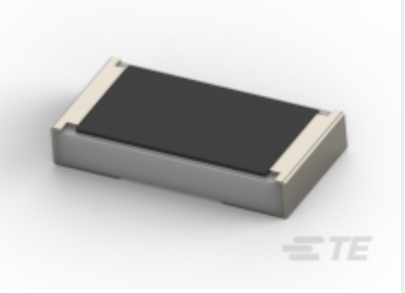
TE Part #965612-2
32POS MQS REC



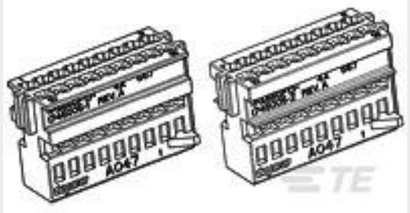
TE Part #CAT-SIGH262
Signal Header



TE Part #1-1379658-1
4W RCPT HSG CODING 1 NATURAL



TE Part #CAT-C339-A76B
SMD Power Resistor: 3 Watt, 1% Tol



TE Part #1745005-1
18 POS. REC. HSG. 2.54 MM PITC

## Documents

### Product Drawings

8POS MQS REC COD A

English

### CAD Files

Customer View Model

ENG_CVM_CVM_1-1670459-2_B.3d_stp.zip

English

Customer View Model

ENG_CVM_CVM_1-1670459-2_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-1670459-2_B.3d_igs.zip

English

3D PDF

3D

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

### Product Specifications

Product Specification

English