# 1-969489-3 ✔ ACTIVE

MQS

TE Internal #: 1-969489-3

12 V, 6 Position, Automotive Housing for Female Terminals, Wire-to-Board / Wire-to-Wire, 2.85 mm [.11 in] Centerline, White, Wire & Cable, Signal

View on TE.com >

Automotive Parts > Automotive Connectors > Automotive Housings







Nominal Voltage Architecture: **12 V**

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

Number of Positions: **6**

Sealable: **No**

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

## 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 | 6 |
| Number of Rows | 1 |

### Electrical Characteristics

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

### Body Features

| | |
|---|---|
| Cable Exit Angle | 180° |

| | |
|---|---|
| Primary Product Color | White |
| 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 GF10 |
| Centerline (Pitch) | 2.85 mm[.11 in] |

### Usage Conditions

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

### Operation/Application

| | |
|---|---|
| Conforms to Automation Guideline | KOMAX Automatic Component Insertion per Version 5 with Increased Setup Effort /Limited Process Speed |
| Circuit Application | Signal |

### Other

| | |
|---|---|
| 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 | 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 | 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



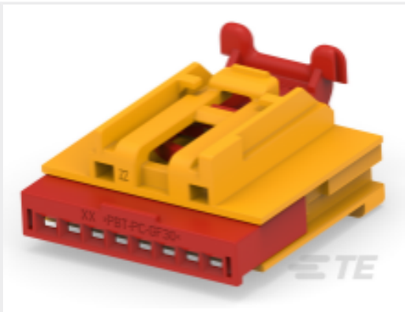
TE Part # CAT-M8793-T273
MQS, RECEPTACLE AND TAB

TE Part # 2479915-1
MQS 2P 0.63,TERMINAL,LL 0.5-0.75

## Customers Also Bought



TE Part #1924782-3
GET FEM TERM 1.2MM, TS, AG 1MMSQ



TE Part #2098407-3
1X8 FEMALE ASSY YELLOW KEY B



TE Part #2098583-2
Contact, 50 Series, fem, 0.35-



TE Part #2098627-2
22P UNSEALED HYBRID PLUG ASSEM



TE Part #2098628-1
22P UNSEALED HYBRID WIRE DRESS



TE Part #2098633-1
40P Shield Assy, GY LAC



TE Part #2098634-1
Carrier, 20P, GY LAC, Black



TE Part #2098634-2
Carrier, 20P, GY LAC, Black



TE Part #2098660-1
32P Shield, GY HandMate



TE Part #2293333-1
16POS,GEN 50,REC HSG,ASSY

## Documents

### CAD Files

Customer View Model

ENG_CVM_1-969489-3_P0B2.3d_igs.zip

English

Customer View Model

ENG_CVM_1-969489-3_P0B2.3d_stp.zip

English

Customer View Model

ENG_CVM_1-969489-3_P0B2.2d_dxf.zip

English

3D PDF

3D

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

### Product Specifications

Application Specification

English