# 1418789-1 ✔ ACTIVE

MQS

TE Internal #: 1418789-1

12 V / 24 V, 8 Position, Automotive Housing for Female Terminals, Wire-to-Board, 2.54 mm [.1 in] Centerline, Black, Wire & Cable, Signal

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Automotive Parts > Automotive Connectors > Automotive Housings







Nominal Voltage Architecture: **12 V, 24 V**

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

Number of Positions: **8**

Sealable: **No**

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

## Features

### Product Type Features

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

### Configuration Features

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

### Electrical Characteristics

| | |
|---|---|
| Nominal Voltage Architecture | 12 V, 24 V |

### Body Features

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

| | |
|---|---|
| Connector & Keying Code | Neutral |

## Contact Features

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

## Mechanical Attachment

| | |
|---|---|
| Mating Alignment Type | Polarization |
| Mating Alignment | With |
| Connector Mounting Type | Cable Mount (Free-Hanging) |

## Housing Features

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

## Usage Conditions

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

## Operation/Application

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

## Customers Also Bought



TE Part #063725P012
ES2000-NO.2-B9-0-65MM



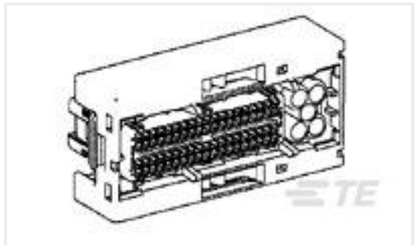
TE Part #829131P014
ES2000-NO.1-C1-0-65MM



TE Part #CAT-T319-CH8172
TH/.025 CONNECTOR SYSTEM, HOUSING



TE Part #5-1418760-1
MCON 1.2 LL TAB STC SN



TE Part #1473244-1
MQS REC 81P ASSY



TE Part #1612119-1
11DIA SQUIB SLIM MK-2 LOCKING



TE Part #1674311-7
0.64 III RCPT 3 Serrations Pre-Tin



TE Part #1903611-1
0.50 SERIES CONN 12POS PLUG HOUSING ASSY



TE Part #2138558-1
2P GENERATION Y Cap, Single-Pi

## Documents

### CAD Files

3D PDF

3D

Customer View Model
ENG_CVM_CVM_1418789-1_A.2d_dxf.zip

English

### Customer View Model

ENG_CVM_CVM_1418789-1_A.3d_igs.zip

English

### Customer View Model

ENG_CVM_CVM_1418789-1_A.3d_stp.zip

English

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## Product Specifications

### Product Specification

English