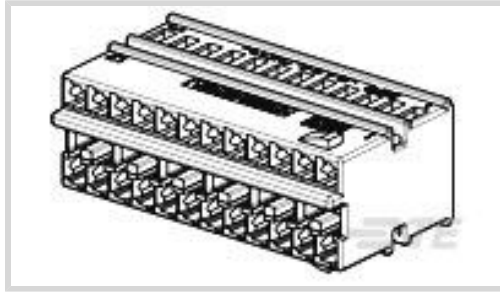




Connectors > Automotive Connectors > Connector Housings > MQS, CONNECTOR HOUSING



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

Mating Tab Width: **.64 mm [.025 in]**

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

Number of Positions: **24**

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

[All MQS, CONNECTOR HOUSING \(557\)](#)

Features

Product Type Features

| | |
|---------------------------|------------------------------|
| Connector & Housing Shape | Rectangular |
| Connector & Housing Type | Housing for Female Terminals |
| Connector System | Wire-to-Wire |
| Sealable | No |
| Hybrid Connector | No |
| Primary Locking Feature | On the Terminal |

Configuration Features

| | |
|---------------------|----|
| Number of Positions | 24 |
| Number of Rows | 2 |

Electrical Characteristics

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

Body Features

| | |
|-----------------------|-------|
| Cable Exit Angle | 180° |
| Body Material | PA GF |
| Primary Product Color | Blue |

Contact Features



| | |
|------------------|-----------------|
| Contact Size | .63mm |
| Contact Type | Receptacle |
| Mating Tab Width | .64 mm[.025 in] |

Mechanical Attachment

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

Housing Features

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

Dimensions

| | |
|--------------------|-------------------|
| Product Width | 12.5 mm[.492 in] |
| Product Length | 31.1 mm[1.224 in] |
| Product Height | 16 mm[.63 in] |
| Row-to-Row Spacing | 5.2 mm[.205 in] |

Usage Conditions

| | |
|-----------------------------|--|
| Operating Temperature (Max) | 70 °C, 75 °C, 80 °C, 85 °C, 90 °C, 100 °C, 105 °C[158 °F][167 °F][176 °F][185 °F][194 °F] [212 °F][221 °F] |
| Operating Temperature Range | -30 – 105 °C[-22 – 221 °F] |

Operation/Application

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

Packaging Features

| | |
|------------------|-----|
| Packaging Method | Bag |
|------------------|-----|

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 | No Restricted Materials Above Threshold |
| EU REACH Regulation (EC) No. 1907/2006 | Current ECHA Candidate List: JAN 2022 (223) Candidate List Declared Against: JAN 2022 (223) Does not contain REACH SVHC |
| Halogen Content | Low Halogen - Br, Cl, F, I < 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 # 144969-2
MQS0,63 Au rec LL unseal. 0,2-0,6



TE Part # 953621-7
48pos MQS .63 header 90deg sld.



TE Part # 2209954-4
AIRBAG 24P COVER ASSY

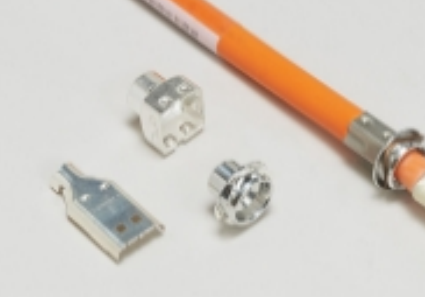


TE Part # 284714-4
24 POS AIRBAG CONN SHELL WITH

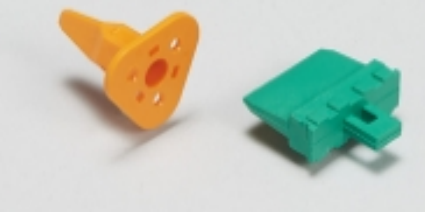
Also in the Series | MQS




Automotive Connector Caps & Covers (131)



Automotive Connector EMC Shielding (2)



Automotive Connector Locks & Position Assurance(29)



Automotive Housings(489)



Automotive Seals & Cavity Plugs(26)



Automotive Terminals(96)



Insertion & Extraction Tools(42)

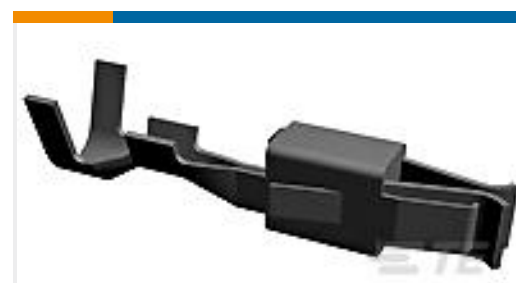
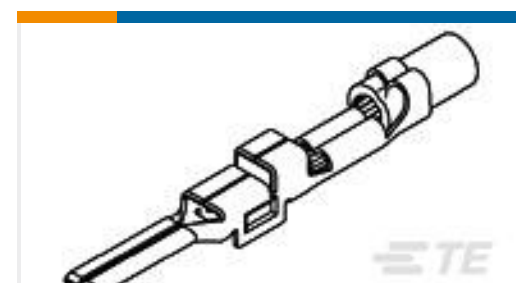


Other Automotive Connector Accessories(13)



PCB Headers & Receptacles(206)

Customers Also Bought

TE Part #2-1718644-1
MCON, CONNECTOR HOUSINGTE Part #1718562-1
REC. HSG.,4POSN.,RAD.SEAL,AMP
MCP2.8KTE Part #929941-3
JPT REC 2.8 Contact SWS SnTE Part #368088-1
090II NON SLD TAB(SQ 0.3-0.5)TE Part #2209521-1
46POS. COVER ASSYTE Part #2298627-1
24POS,HYBRID,TAB HSG ASSY,
UNSLD,COD ATE Part #2209954-1
AIRBAG 24P COVER ASSYTE Part #2050749-1
ABS9.0/ESP9 COIL ASSEMBLY (7.3
OHM)

Documents

Product Drawings

[24 POS. REC. CONN. ASS'Y FOR AIR BAG](#)

CAD Files

[Customer View Model](#)

[ENG_CVM_CVM_284224-6_A.2d_dxf.zip](#)

English

[3D PDF](#)



3D

Customer View Model

[ENG_CVM_CVM_284224-6_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_284224-6_A.3d_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

[Micro Quadlok Interconnection System \(MQS\)](#)

English

Product Specifications

[Product Specification](#)

English