

1473244-1 ✓ ACTIVE

AMP | MQS

TE Internal #: 1473244-1

Housing for Female Terminals, Wire-to-Device / Wire-to-Board, 81

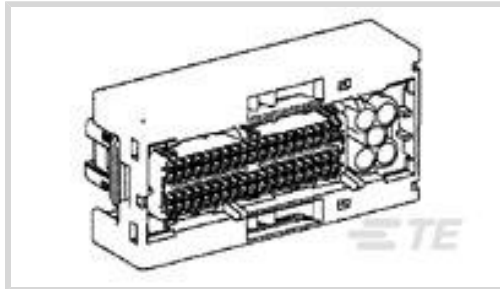
Position, .228 in / .311 in / .114 in [2.9 mm / 5.8 mm / 2.54 mm]

Centerline, MQS

[View on TE.com >](#)



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



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

Mating Tab Width: **.63 mm, 2.8 mm** [ .025 in, .11 in ]

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

Number of Positions: **81**

Centerline (Pitch): **2.54 mm, 2.9 mm, 5.8 mm, 7.9 mm** [ .1 in, .114 in, .228 in, .311 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-Board, Wire-to-Device
Sealable	Yes
Hybrid Connector	Yes

### Configuration Features

Number of Positions	81
Number of Rows	3, 4

### Electrical Characteristics

Operating Voltage	12 VDC
Nominal Voltage Architecture	12 V

### Body Features

Cable Exit Angle	90°
Primary Product Color	Black

### Contact Features

Contact Size	.63mm, 2.8mm
--------------	--------------



Contact Type	Receptacle
Mating Tab Width	.63 mm, 2.8 mm [.025 in][.11 in]

### Mechanical Attachment

Mounting Feature	Without
Terminal Position Assurance	Yes
Strain Relief	Without
Mating Alignment Type	Polarized
Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)

### Housing Features

Centerline (Pitch)	2.54 mm, 2.9 mm, 5.8 mm, 7.9 mm [.1 in][.114 in][.228 in][.311 in]
--------------------	--

### Dimensions

Product Width	37.4 mm [1.472 in]
Product Length	76.4 mm [3.008 in]
Product Height	31 mm [1.22 in]
Row-to-Row Spacing	4.4 mm [.173 in]

### Usage Conditions

Operating Temperature (Max)	70 °C, 75 °C, 80 °C, 85 °C, 90 °C, 100 °C, 105 °C, 110 °C, 120 °C [158 °F][167 °F][176 °F][185 °F][194 °F][212 °F][221 °F][230 °F][248 °F]
Operating Temperature Range	-40 – 120 °C [-40 – 248 °F]

### Operation/Application

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

### Industry Standards

UL Flammability Rating	UL 94HB
------------------------	---------

### Packaging Features

Packaging Quantity	30
Packaging Method	Tray

### Other

Serviceable	Yes
Connector Position Assurance Capable	No



## Product Compliance



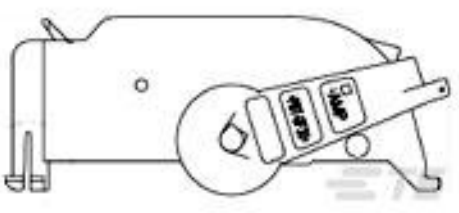
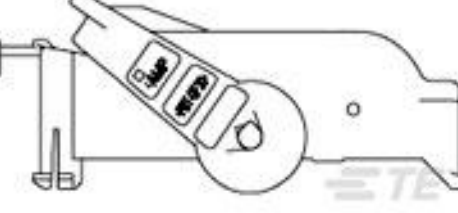
[For compliance documentation, visit the product page on TE.com>](#)

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

 <p>TE Part # CAT-HPCH5372 HIGH PIN COUNT HEADER</p>	 <p>TE Part # CAT-T4827-T273 TIMER, RECEPTACLE AND TAB</p>	 <p>TE Part # 1473250-1 MQS 81P LEVER(L) ASSY</p>	 <p>TE Part # 1473247-1 MQS 81P LEVER(R) ASSY</p>
---	---	--	--

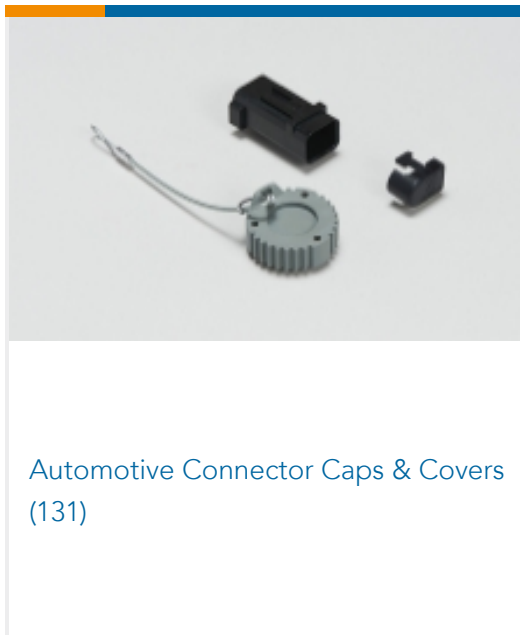


TE Part # 368382-1  
MQS RETAINER HSG FOR 81P

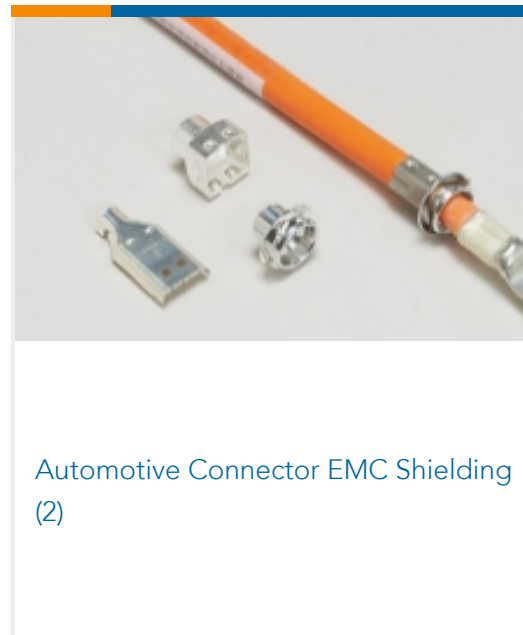


TE Part # 1473247-2  
MQS 81P LEVER(R) ASSY

Also in the Series | **MQS**



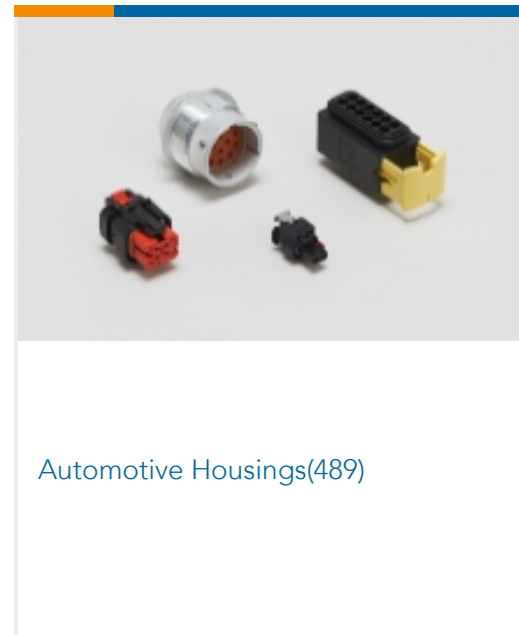
Automotive Connector Caps & Covers (131)



Automotive Connector EMC Shielding (2)



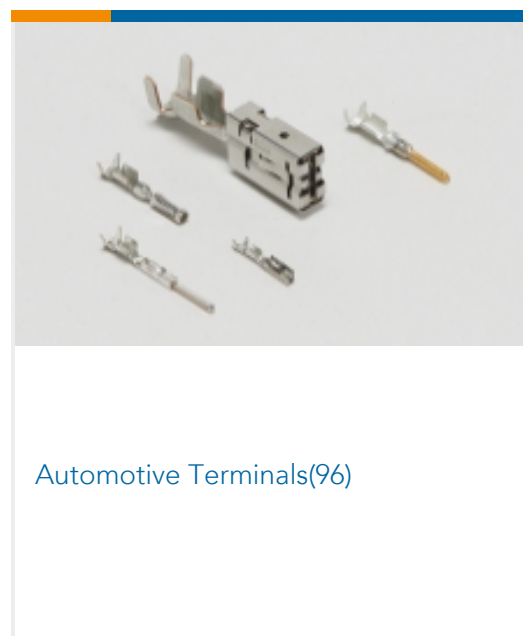
Automotive Connector Locks & Position Assurance(29)



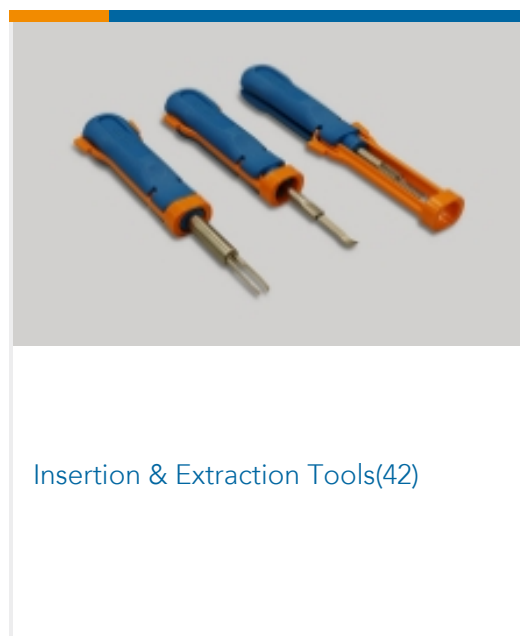
Automotive Housings(489)



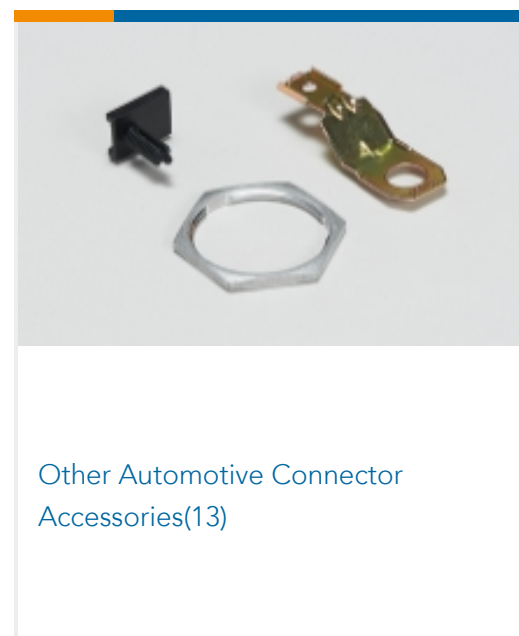
Automotive Seals & Cavity Plugs(26)



Automotive Terminals(96)



Insertion & Extraction Tools(42)



Other Automotive Connector Accessories(13)



PCB Headers & Receptacles(206)

Customers Also Bought



TE Part #936780-2  
MT-II/JPT SLD 20P CAP HSG



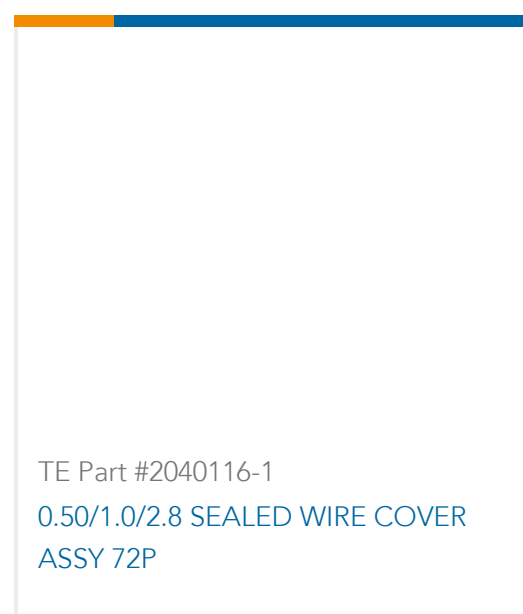
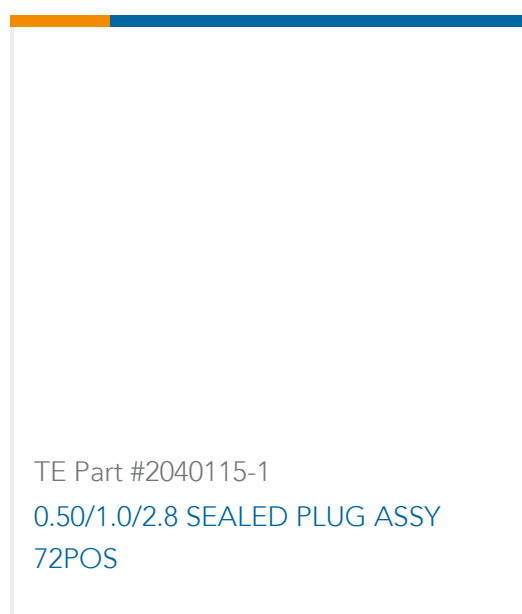
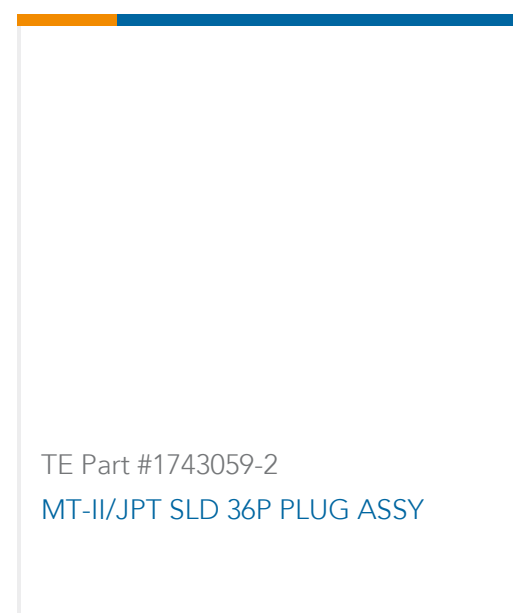
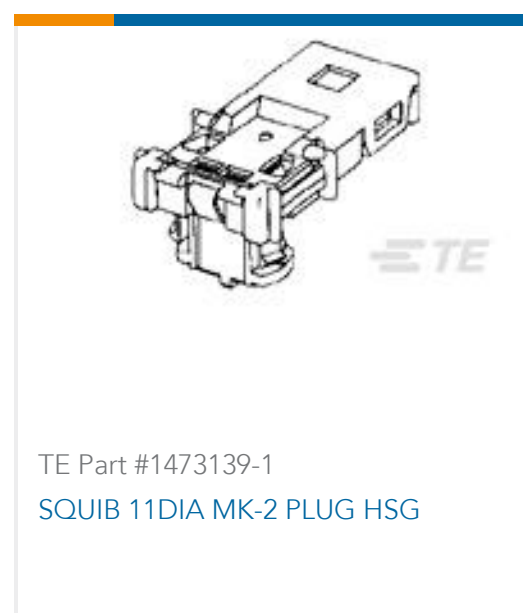
TE Part #1-2282364-1  
AMP MCP 2.8, CONTACT SWS LANCELESS



TE Part #2302491-2  
SOC CONN CVRASSY,2POS, AMPSEAL16,90DEG,MC



TE Part #1473244-3  
MQS/JPT 81POS PLUG ASSY



## Documents

### Product Drawings

#### MQS REC 81P ASSY

Japanese

### CAD Files

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1473244-1\\_A.2d\\_dxf.zip](#)

English

#### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1473244-1\\_A.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1473244-1\\_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

#### Application Specification

English

#### Application Specification

English



### Product Environmental Compliance

#### Product Compliance

English

#### Product Compliance

English

---

### Instruction Sheets

#### Instruction Sheet (non U.S.)

English

#### Instruction Sheet (non U.S.)

Japanese