

1473244-3 ✓ ACTIVE

TE Internal #: 1473244-3

Housing for Female Terminals, Wire-to-Board, 81 Position, .228 in / .1 in [5.8 mm / 2.54 mm] Centerline, Sealable, Black, Wire & Cable, Signal

[View on TE.com >](#)



Connectors > Automotive Connectors > Connector Housings



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

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

Number of Positions: **81**

Centerline (Pitch): **2.54 mm, 5.8 mm [ .1 in, .228 in ]**

Sealable: **Yes**

## Features

### Product Type Features

Connector Shape	Rectangular
Connector & Housing Type	Housing for Female Terminals
Connector System	Wire-to-Board
Sealable	Yes
Hybrid Connector	Yes
Primary Locking Feature	Integrated in Housing
Connector & Contact Terminates To	Wire & Cable

### Configuration Features

Number of Positions	81
Number of Rows	3, 4

### Electrical Characteristics

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

### Body Features

Body Material	PBT
---------------	-----



Primary Product Color Black

### Contact Features

Contact Size .63mm, 2.8mm

### Mechanical Attachment

Mating Alignment Type Polarizing Slot

Mating Alignment With

Connector Mounting Type Cable Mount (Free-Hanging)

### Housing Features

Centerline (Pitch) 2.54 mm, 5.8 mm [.1 in][.228 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

### 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 2022 (224)  
Candidate List Declared Against: JAN 2021 (211)  
Does not contain REACH SVHC

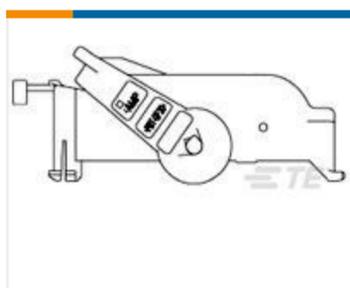
Halogen Content Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free

Solder Process Capability Not applicable for solder process capability



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 # 1473247-1  
MQS 81P LEVER(R) ASSY



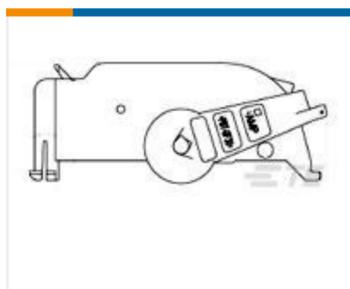
TE Part # 3-1579001-5  
ERGO DIE MQS 0,5-0,75



TE Part # CAT-T4827-T273  
TIMER, RECEPTACLE AND TAB



TE Part # 1241434-2  
121pos hybrid MQS .63 header 90deg



TE Part # 1473250-1  
MQS 81P LEVER(L) ASSY



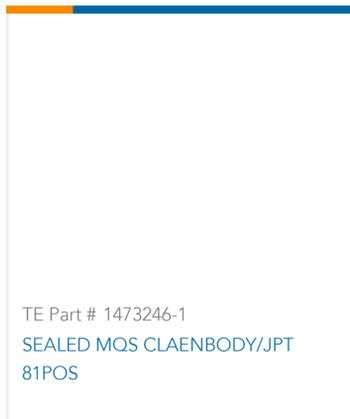
TE Part # 368382-1  
MQS RETAINER HSG FOR 81P



TE Part # 5-1579001-7  
CSV10 MQS 0,5-0,75



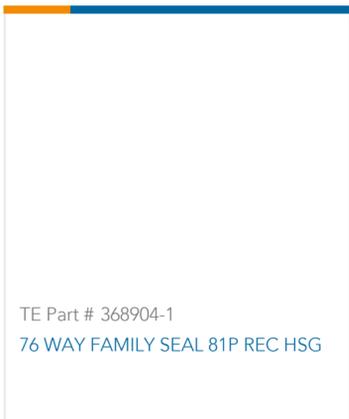
TE Part # 1473245-1  
SEALED MQS CLEANBODY/JPT 81POS



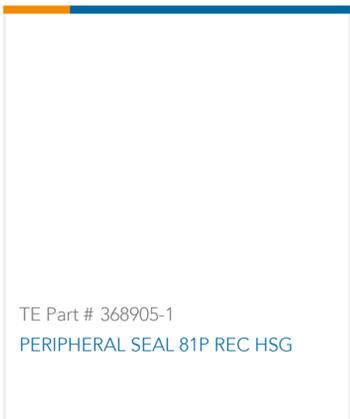
TE Part # 1473246-1  
SEALED MQS CLAE NBODY/JPT 81POS



TE Part # 368377-2  
FRONT BODY REC HSG FOR 81P(B)



TE Part # 368904-1  
76 WAY FAMILY SEAL 81P REC HSG



TE Part # 368905-1  
PERIPHERAL SEAL 81P REC HSG



TE Part # 368380-1  
SEAL RETAINER FOR 81P BLACK



## Documents

### Product Drawings

[MQS/JPT 81POS PLUG ASSY](#)

Japanese

[MQS/JPT 81POS PLUG ASSY](#)

Japanese

---

### CAD Files

Customer View Model

[ENG\\_CVM\\_CVM\\_1473244-3\\_A.2d\\_dxf.zip](#)

English

[3D PDF](#)

3D

Customer View Model

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

English

Customer View Model

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

English

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

---

### Product Specifications

[Application Specification](#)

English