

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

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Connectors > Automotive Connectors > Automotive 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
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### Body Features

Primary Product Color	Black
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### Contact Features

Contact Size	.63mm, 2.8mm
Contact Type	Receptacle

### Mechanical Attachment

Mating Alignment Type	Polarizing Slot
Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)

### Housing Features

Housing Material	PBT
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
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### Packaging Features

Packaging Method	Tray
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### Other

Connector Position Assurance Capable	No
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### 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 2023 (235) 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

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>

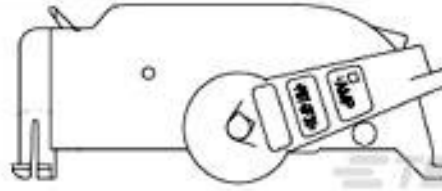
## Compatible Parts



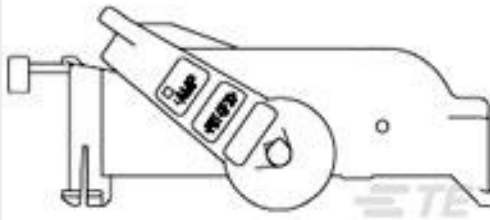
TE Part # CAT-T4827-T273  
TIMER, RECEPTACLE AND TAB



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



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



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



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



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



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 CLANBODY/JPT 81POS

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

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

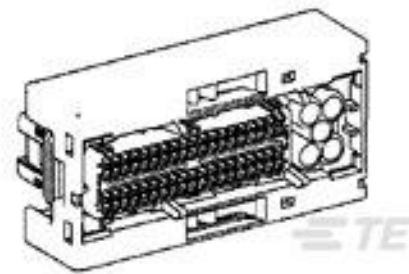
TE Part # 368905-1  
PERIPHERAL SEAL 81P REC HSG

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

## Customers Also Bought



TE Part #HD34-24-31SE-059  
REC,31P,AL,E, CBL CLMP BT, DRAIN,  
16,S,MC



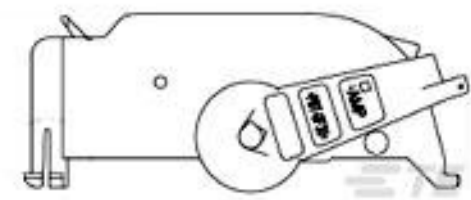
TE Part #1473244-1  
MQS REC 81P ASSY



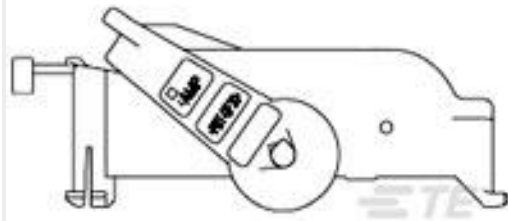
TE Part #DRC12-40PD  
REC, 40P, BLK, N, FLANGE, D



TE Part #953381-1  
LOCKING DEVICE FOR 6W MQS



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



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



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



TE Part #2050046-1  
2POS 2.8MM SENSOR PLUG ASSY.



TE Part #776315-1  
68 POSITION PLUG ASSEMBLY



TE Part #776501-1  
WIRE DRESS COVER, TALL, 68 POS

## Documents

### Product Drawings

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

Japanese

### CAD Files

[Customer View Model](#)

[ENG\\_CVM\\_CVM\\_1473244-3\\_A1.3d\\_stp.zip](#)

English

[Customer View Model](#)

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[ENG\\_CVM\\_CVM\\_1473244-3\\_A1.2d\\_dxf.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_1473244-3\\_A1.3d\\_igs.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