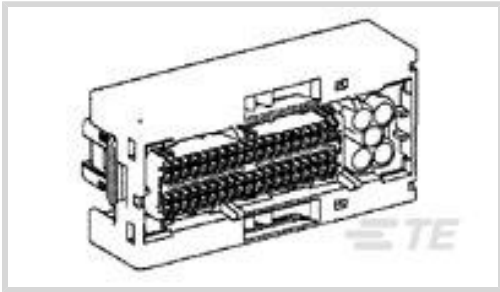




Connectors > Automotive Connectors > Connector Housings > MQS, CONNECTOR HOUSING



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 \(575\)](#)

Features

Product Type Features

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

Mating Tab Width	.63 mm, 2.8 mm[.025 in][.11 in]
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Mechanical Attachment

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Mounting Feature	Without
Terminal Position Assurance	Yes
Strain Relief	No
Mating Alignment Type	Polarized

Housing Features

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

UL Flammability Rating	UL 94HB
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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 2021 (211) 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>

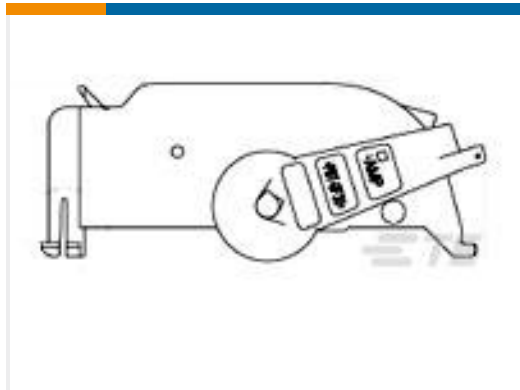
Compatible Parts



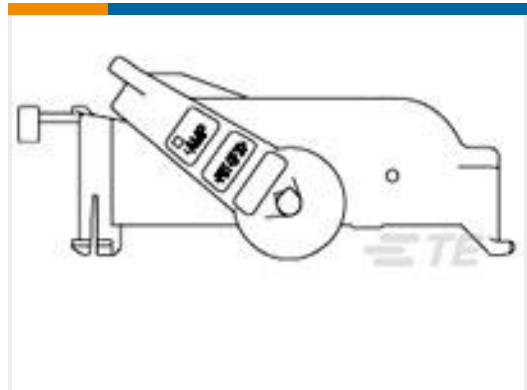
TE Part # CAT-HPCH5372
HIGH PIN COUNT HEADER




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




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

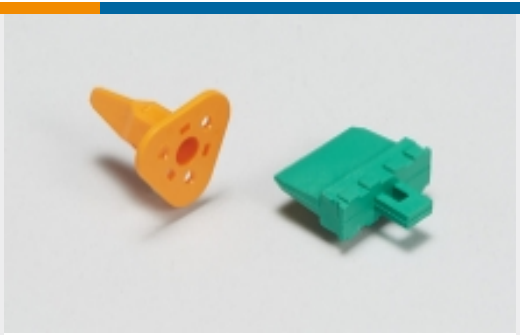
Also in the Series | MQS



Automotive Connector Caps & Covers (133)



Automotive Connector EMC Shielding (2)



Automotive Connector Locks & Position Assurance(29)



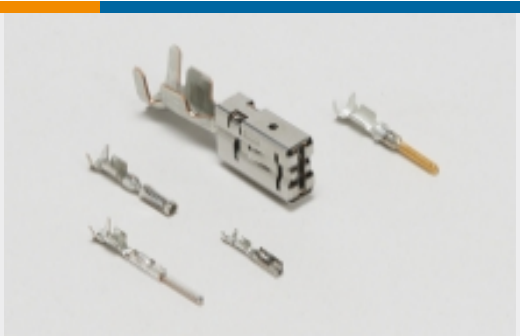
Automotive Headers(207)



Automotive Housings(498)



Automotive Seals & Cavity Plugs(26)



Automotive Terminals(98)



Data Connectivity Headers(1)



Insertion & Extraction Tools(42)



Other Automotive Connector Accessories(13)

Customers Also Bought



TE Part #1-967281-1
TIMER, CONNECTOR HOUSING



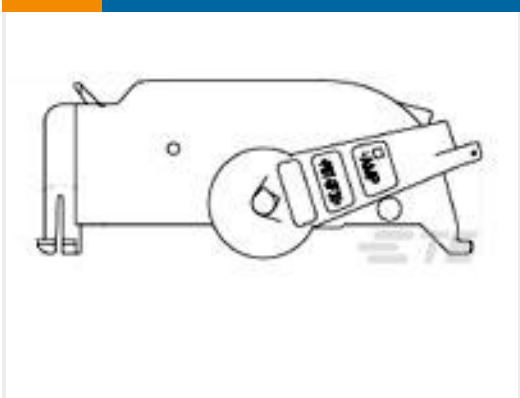
TE Part #1241434-1
HIGH PIN COUNT HEADER



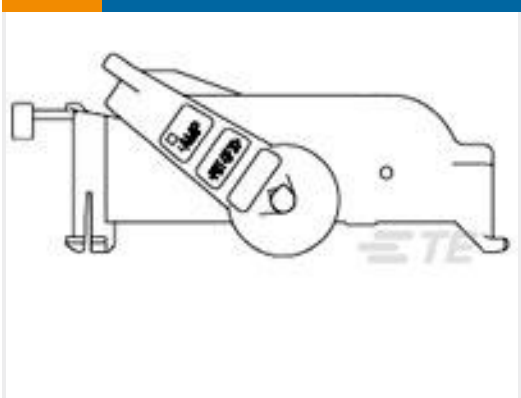
TE Part #1241608-1
MQS, RECEPTACLE AND TAB



TE Part #1393450-5
V23542C1052B300=KABELBAUMST 80



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



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



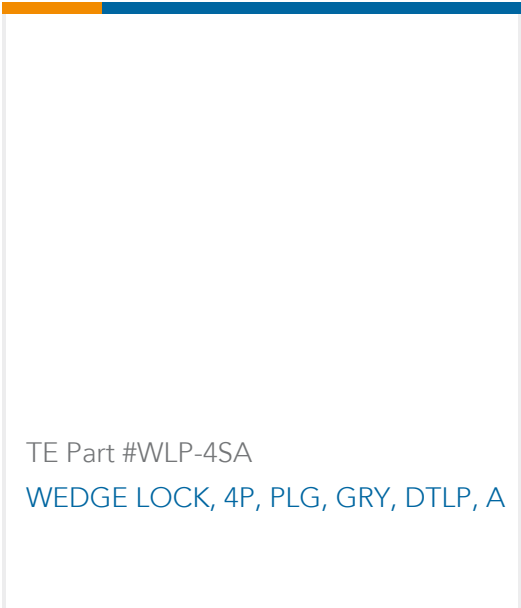
TE Part #1393457-4
V23540M1000Z110=DICHTTULLE (F1



TE Part #1394872-1
SEALING PLUG 1,5MM



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



TE Part #WLP-4SA
WEDGE LOCK, 4P, PLG, GRY, DTLP, A

Documents

Product Drawings

MQS REC 81P ASSY

Japanese

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1473244-1_A.2d_dxf.zip

English

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.)

1473244-1

MQS, Housing for Female Terminals, Wire-to-Device / Wire-to-Board, 81 Position,
2.54mm / 7.9mm / 5.8mm [.228in / .114in / .311in] Centerline, Sealable



English

[Instruction Sheet \(non U.S.\)](#)

Japanese