



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



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

Number of Positions: **94**

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

Centerline (Pitch): **2.5 mm, 5.2 mm [.098 in, .204 in]**

Sealable: **Yes**

[All MQS, CONNECTOR HOUSING \(573\)](#)

Features

Product Type Features

Mixed & Hybrid Connector	Yes
Connector Shape	Rectangular
Connector System	Wire-to-Board, Wire-to-Device
Connector & Housing Type	Housing for Female Terminals
Sealable	Yes
Connector & Contact Terminates To	Wire & Cable
Primary Locking Feature	On the Terminal

Configuration Features

Blank Cavity Position	4, 6, 84
Number of Positions	94
Number of Rows	4

Electrical Characteristics

Operating Voltage	12 VDC
Nominal Voltage Architecture	12 V

Body Features

Primary Product Color	Black
Connector & Keying Code	A, B



Contact Features

Contact Size	.63mm, 1.5mm, 2.8mm
Contact Type	Receptacle
Mating Tab Width	.63 mm, 1.5 mm, 2.8 mm [.025 in][.059 in][.11 in]
Contact Current Rating (Max)	7.5 A, 30 A

Mechanical Attachment

Terminal Position Assurance	Yes
Strain Relief	With
Mating Alignment Type	Keyed
Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Housing Material	PBT GF
Centerline (Pitch)	2.5 mm, 5.2 mm [.098 in][.204 in]

Dimensions

Connector Height	43 mm [1.693 in]
Product Width	36.5 mm [1.437 in]
Product Length	85.3 mm [3.358 in]
Row-to-Row Spacing	3 mm [.118 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	Power & Signal
---------------------	----------------

Industry Standards

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

Packaging Features

Packaging Method	Box
------------------	-----

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: JUNE 2023 (235) Candidate List Declared Against: JUNE 2023 (235) 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 # 1394871-1
MQS DICHTSTOPFEN



TE Part # CAT-M8793-CH8172
MQS, CONNECTOR HOUSING



TE Part # CAT-AM705-T273
AMP MCP, RECEPTACLE AND TAB

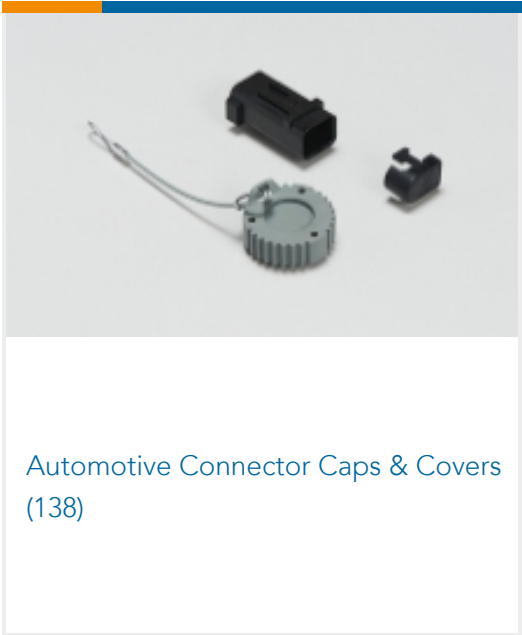


TE Part # 1394872-1
SEALING PLUG 1,5MM



TE Part # 284722-1
COVER FOR 94 POS. RECEPTACLE
HOUSING

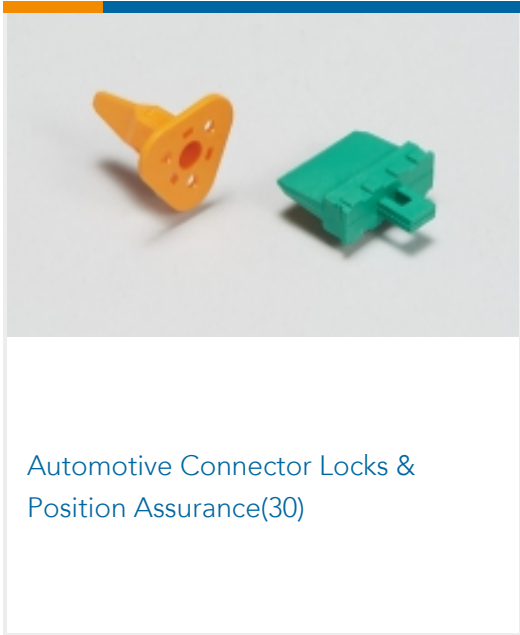
Also in the Series | MQS



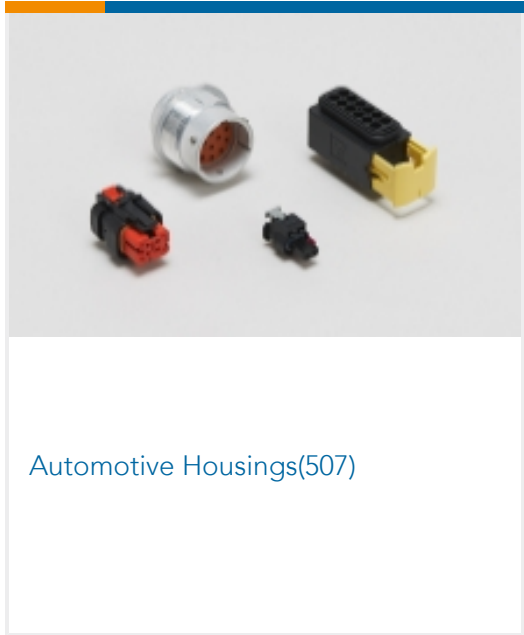
Automotive Connector Caps & Covers
(138)



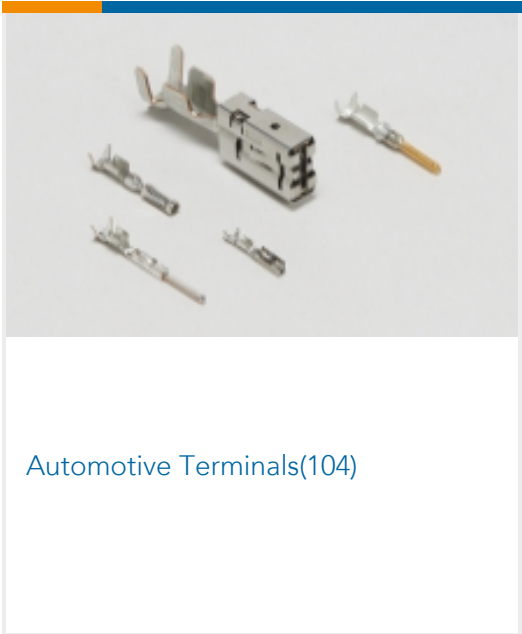
Automotive Connector EMC Shielding
(3)



Automotive Connector Locks &
Position Assurance(30)



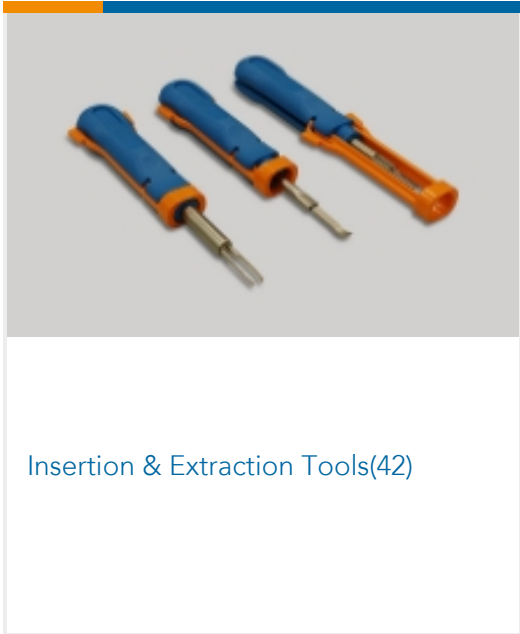
Automotive Housings(507)



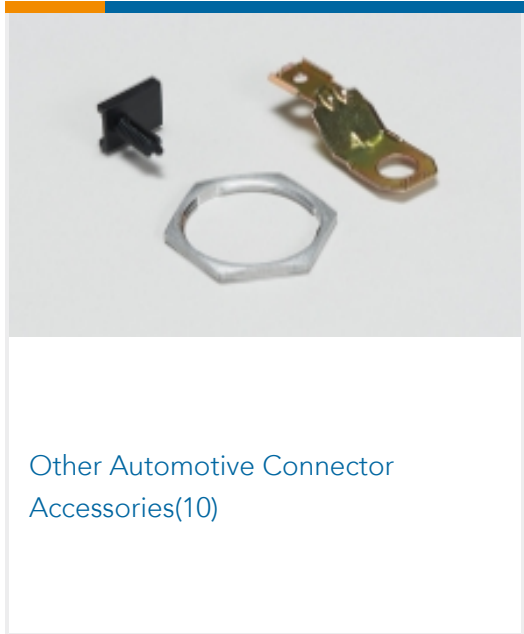
Automotive Terminals(104)



Connector Seals & Cavity Plugs(31)



Insertion & Extraction Tools(42)

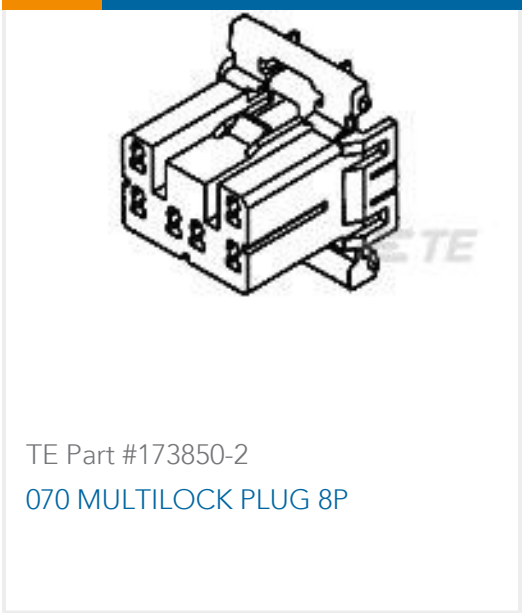


Other Automotive Connector
Accessories(10)

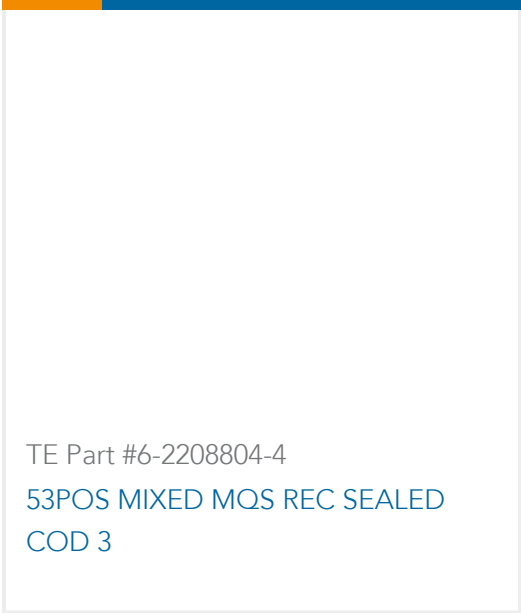


PCB Headers & Receptacles(213)

Customers Also Bought



TE Part #173850-2
070 MULTILOCK PLUG 8P



TE Part #6-2208804-4
53POS MIXED MQS REC SEALED
COD 3




TE Part #2-1355132-1
COVER 94POS




TE Part #1924341-1
18P, 1 Row Carrier for 54P LAC

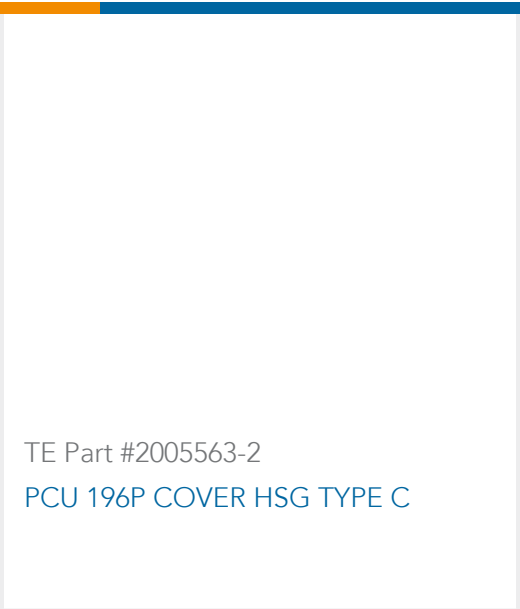




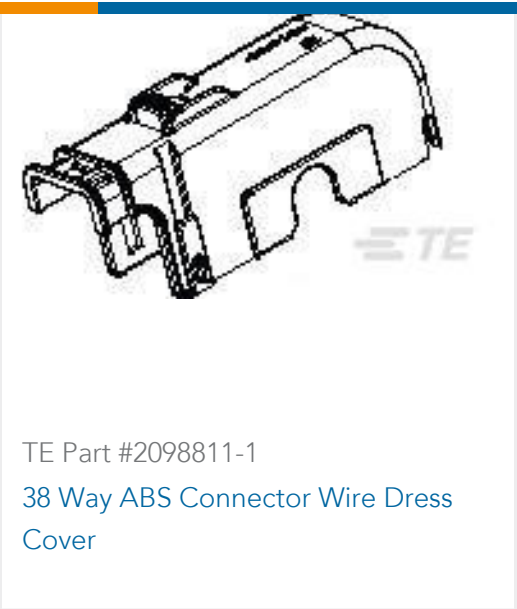
TE Part #2098634-2
Carrier, 20P, GY LAC, Black



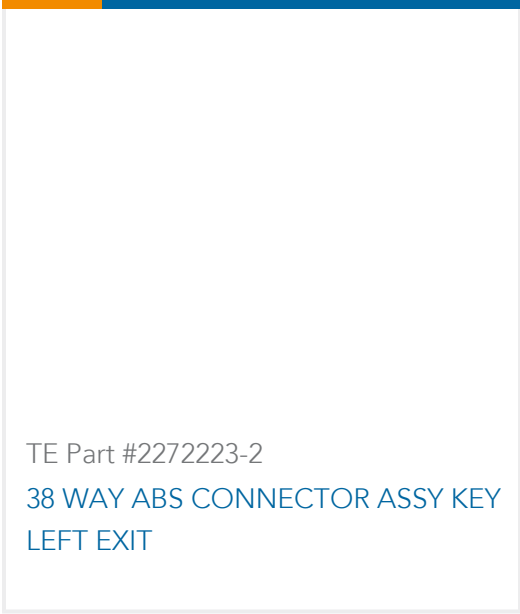
TE Part #2177472-1
73POS, MIXED,REC HSG,ASSY,BK




TE Part #2005563-2
PCU 196P COVER HSG TYPE C



TE Part #2098811-1
38 Way ABS Connector Wire Dress Cover



TE Part #2272223-2
38 WAY ABS CONNECTOR ASSY KEY LEFT EXIT



TE Part #638622-2
STRAIN RLF,WIRE,AIRBAG,SDM,GET

Documents

Product Drawings
MQS1,5AUFNAHMGEH94P
English
MQS1,5AUFNAHMGEH94P
English

CAD Files
Customer View Model
ENG_CVM_CVM_3-1355136-3_D.2d_dxf.zip
English
3D PDF
3D
Customer View Model
ENG_CVM_CVM_3-1355136-3_D.3d_igs.zip
English
Customer View Model
ENG_CVM_CVM_3-1355136-3_D.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



Product Environmental Compliance

Product Compliance

English

Product Compliance

English