



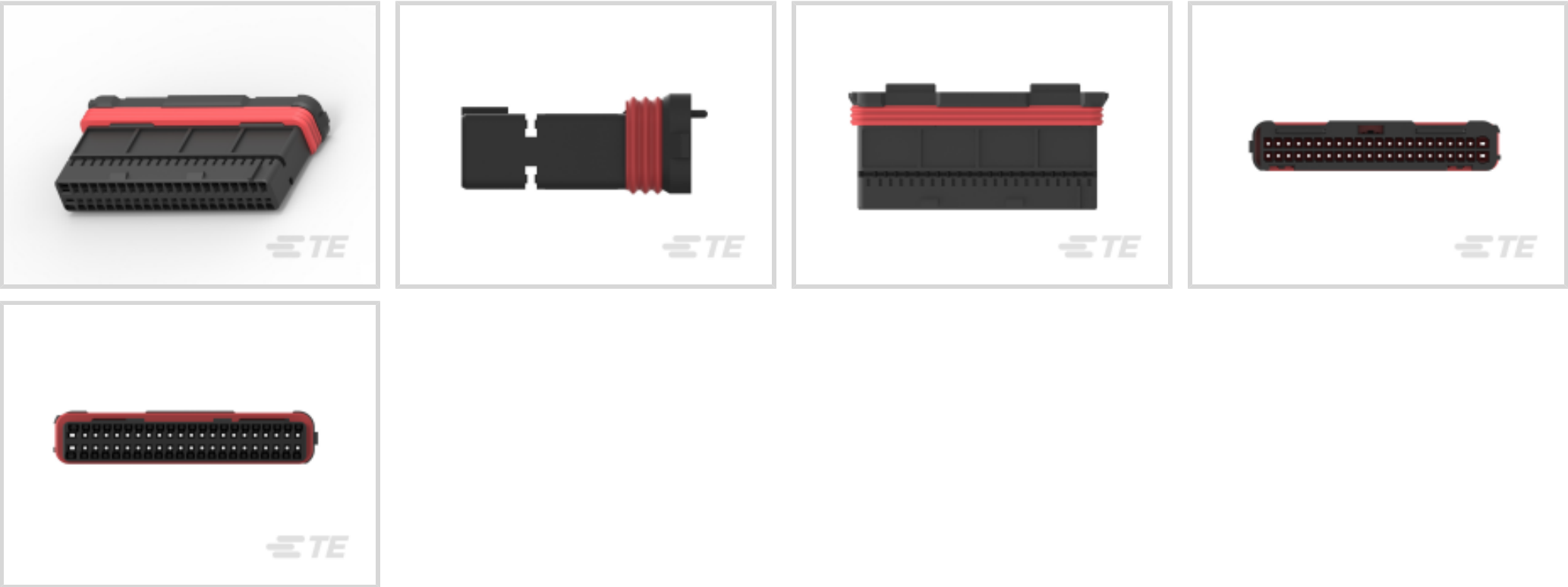
MQS

TE Internal #: 1394915-1

MQS, Housing for Female Terminals, Wire-to-Device / Wire-to-Board, 30 Positions, 2.5mm / 3.5mm [.098in / .138in] Centerline, Sealable, Black, Signal

[View on TE.com >](#)

Connectors > Automotive, Truck, Bus, & Off-Road Connectors > Connector Housings > MQS, CONNECTOR HOUSING



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

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

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

Number of Positions: **30**

Centerline (Pitch): **2.5 mm, 3.5 mm [.098 in, .138 in]**

[All MQS, CONNECTOR HOUSING \(575\)](#)

Features

Product Type Features

Row-to-Row Spacing	3 mm[.118 in]
Connector & Housing Type	Housing for Female Terminals
Connector System	Wire-to-Board, Wire-to-Device
Sealable	Yes
Hybrid Connector	Yes
Primary Locking Feature	Integrated in Housing
Strain Relief	No

Configuration Features

Number of Positions	30
Number of Rows	2

Electrical Characteristics

Operating Voltage	12 VAC
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Body Features

Cable Exit Angle	180°
Body Material	PA GF
Primary Product Color	Black
Connector Code	A

Contact Features

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

Terminal Position Assurance	No
Mounting Feature	Without
Polarized	Yes

Housing Features

Centerline (Pitch)	2.5 mm, 3.5 mm[.098 in][.138 in]
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Dimensions

Height	12.3 mm[.484 in]
Length	60.65 mm[2.388 in]
Width	30.1 mm[1.185 in]

Usage Conditions

Operating Temperature (Max)	70 °C, 75 °C, 80 °C, 85 °C, 90 °C, 100 °C, 105 °C, 110 °C, 120 °C, 125 °C, 130 °C[158 °F][167 °F][176 °F][185 °F][194 °F][212 °F][221 °F][230 °F][248 °F][257 °F][266 °F]
Operating Temperature Range	-40 – 130 °C[-40 – 266 °F]

Operation/Application

Circuit Application	Signal
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Industry Standards

UL Flammability Rating	UL 94-HB
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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: JUN 2020 (209) Candidate List Declared Against: JUN 2018 (191) 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 Model / Part # CAT-HPCH5372
HIGH PIN COUNT HEADER



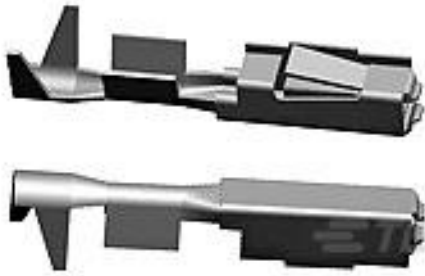
TE Model / Part # CAT-AM705-T273
AMP MCP, RECEPTACLE AND TAB



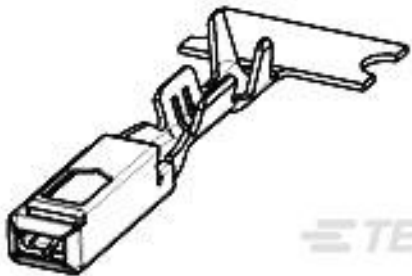
TE Model / Part # 1-1355132-2
SHIELD, 94POSN., RECEPTACLE HO



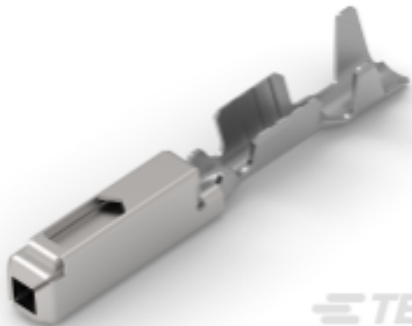
TE Model / Part # 2-1355132-1
COVER 94POS



TE Model / Part # 968221-1
MQS0,63 Sn rec CB unseal. 0,5-0,75



TE Model / Part # 1534116-1
MQS0,63 Sn rec CB unseal. 0,35-0,5 2P



TE Model / Part # 968220-1
MQS0,63 Sn rec CB unseal. 0,2-0,35

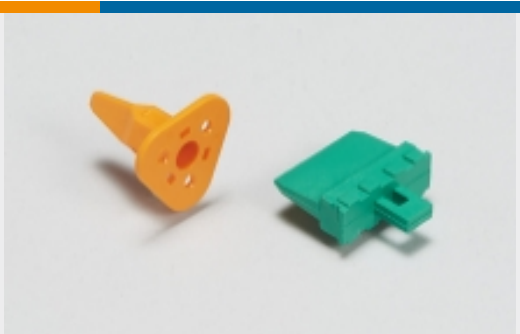
Also in the Series | **MQS**



Automotive Connector Caps & Covers (134)



Automotive Connector EMC Shielding (2)



Automotive Connector Locks & Position Assurance(29)



Automotive Seals & Cavity Plugs(27)



Automotive, Truck, Bus, & Off-Road Headers(208)



Automotive, Truck, Bus, & Off-Road Housings(502)



Automotive, Truck, Bus, & Off-Road Terminals(98)

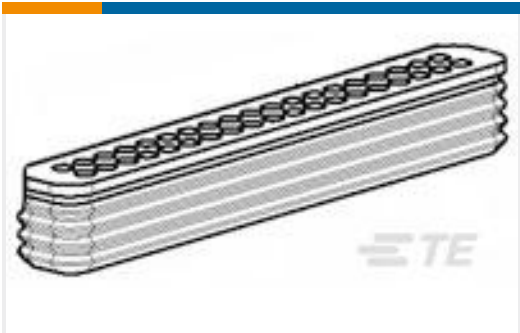


Data Connectivity Headers(1)



Other Automotive Connector Accessories(13)

Customers Also Bought



TE Model / Part #1-964835-1 SAMMELDICHUNG 16P



TE Model / Part #1394908-1 COVER FOR 60POS 180DEG



TE Model / Part #1534099-1 MQS COVER 2X10P

Documents

Product Drawings
30POS MIXED REC SEALED COD A

English

CAD Files
3D PDF
3D
Customer View Model



[ENG_CVM_CVM_1394915-1_D.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1394915-1_D.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1394915-1_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