

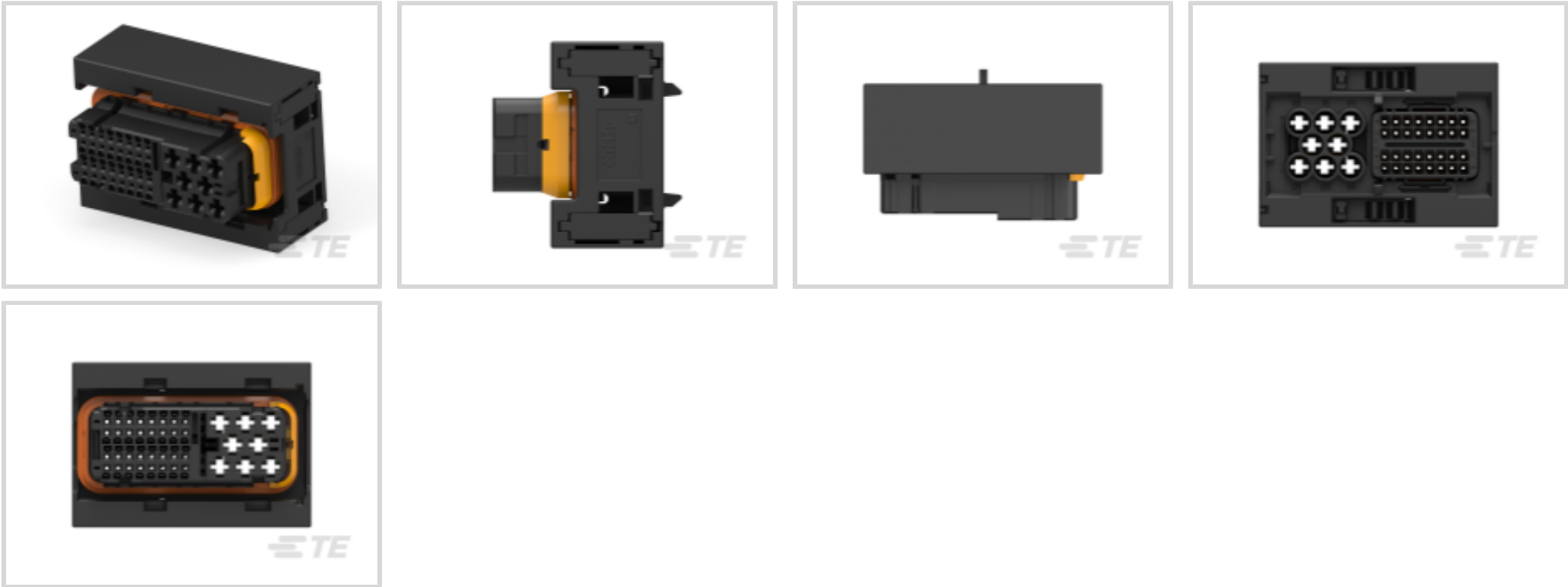


MQS

TE Internal #: 1473252-1
12 V, 40 Position, Automotive Housing for Female Terminals, Wire-to-Board, 2.54 mm / 2.9 mm [.1 in / .11 in] Centerline, Sealable, Black, Wire & Cable

[View on TE.com >](#)

Automotive Parts > Automotive Connectors > Automotive Housings > MQS Mixed Connectors Signal-Power



Nominal Voltage Architecture: 12 V
Connector & Housing Type: **Housing for Female Terminals**
Number of Positions: 40
Sealable: **Yes**
Operating Temperature Range: -40 – 120 °C [-40 – 248 °F]

[All MQS Mixed Connectors Signal-Power \(41\)](#)

Features

Product Type Features

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

Configuration Features

Number of Positions	40
Number of Rows	4

Electrical Characteristics

Nominal Voltage Architecture	12 V
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Body Features

Cable Exit Angle	90 °
Primary Product Color	Black

Contact Features

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

Mechanical Attachment

Strain Relief	Without
Terminal Position Assurance	No
Mating Alignment Type	Polarization
Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Centerline (Pitch)	2.54 mm, 2.9 mm [.1 in][.11 in]
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Dimensions

Row-to-Row Spacing	2.54 mm, 5 mm [.1 in][.19 in]
Product Width	31 mm [1.22 in]
Product Length	54.3 mm [2.13 in]
Connector Height	37.4 mm [1.47 in]

Usage Conditions

Operating Temperature Range	-40 – 120 °C [-40 – 248 °F]
Operating Temperature (Max)	120 °C [248 °F]

Operation/Application

Circuit Application	Power & Signal
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Packaging Features

Packaging Quantity	42
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	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 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>

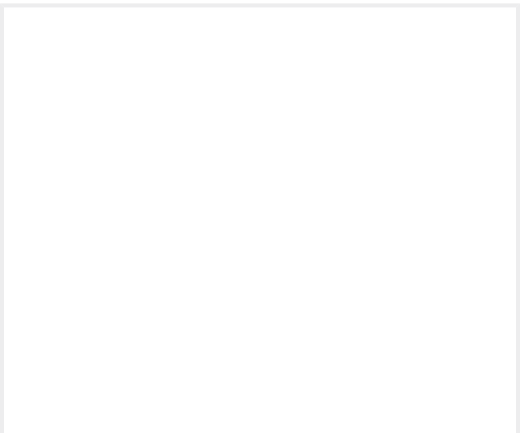
Compatible Parts



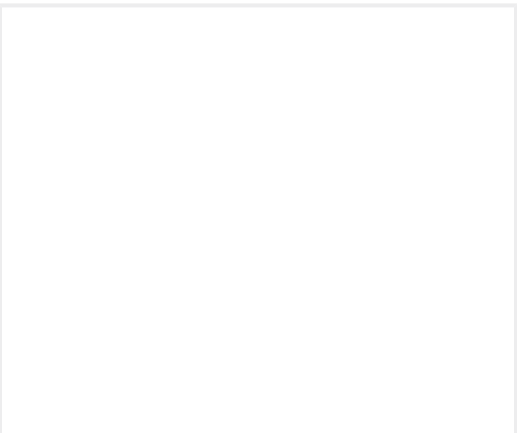
TE Part # 368388-1
MQS RETAINER HSG FOR 40P



TE Part # 2005268-2
ECU 40P HDR ASSY-EXP



TE Part # 368907-1
PERIPHERAL SEAL 40P REC HSG



TE Part # 2109271-3
ECU 40P HDR ASSY-MHE GRY



TE Part # CAT-HPCH5372
High Pin Count Header



TE Part # 2109271-2
ECU 40P HDR ASSY-MHE



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



TE Part # 1743730-2
ECU 40P HDR ASSY-KEFICO



TE Part # 1473255-2
LEVER ASSY TYPE-A NO SLIT TYPE 40POS



TE Part # 1473255-1
MQS 40P LEVER(L) ASSY

Customers Also Bought



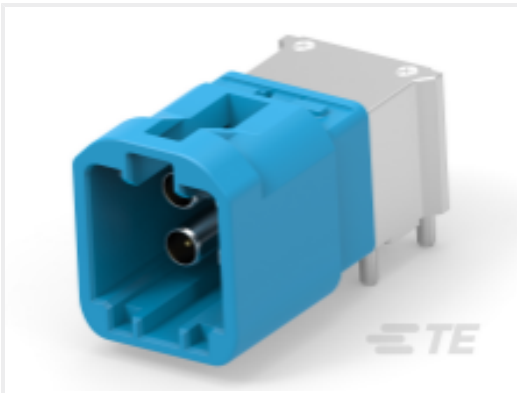
TE Part #3-644043-6
06P MTA100 CONN ASSY LF



TE Part #5-968220-1
MQS0,63 Sn rec CB unseal. 0,2-0,35



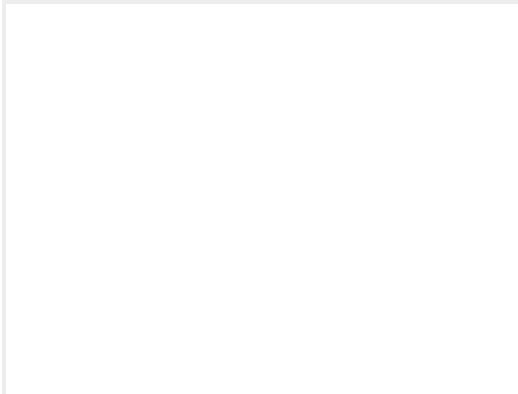
TE Part #CAT-AM705-CH8173
AMP Unsealed Connector Housing



TE Part #2450874-3
4P,MATE-AX,HDR,ASSY,90EDG,CODC



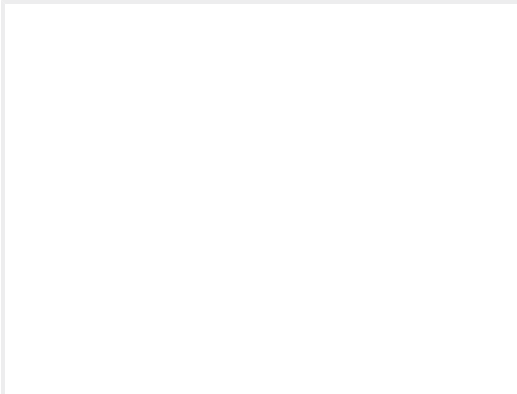
TE Part #2137755-1
Tilted cover for 94P ECU connector



TE Part #2317630-1
FUSE BOX HSG HARD WIRED MAIN HSG, TM



TE Part #1-2325010-1
3POS,8MM HV,REC HSG,90 DEG, ASSY,SLD



TE Part #2436556-1
COVER,MQS 5POS



TE Part #1534191-1
MQS BU-GEH EDS 4P

Documents



Product Drawings

40POS MIXED MQS REC SEALED

Japanese

CAD Files

Customer View Model

ENG_CVM_1473252-1_A1.3d_igs.zip

English

Customer View Model

ENG_CVM_1473252-1_A1.3d_stp.zip

English

Customer View Model

ENG_CVM_1473252-1_A1.2d_dxf.zip

English

3D PDF

English

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

Product Specifications

Application Specification

English

Application Specification

English

Instruction Sheets

Instruction Sheet (non U.S.)

English

Instruction Sheet (non U.S.)

Japanese