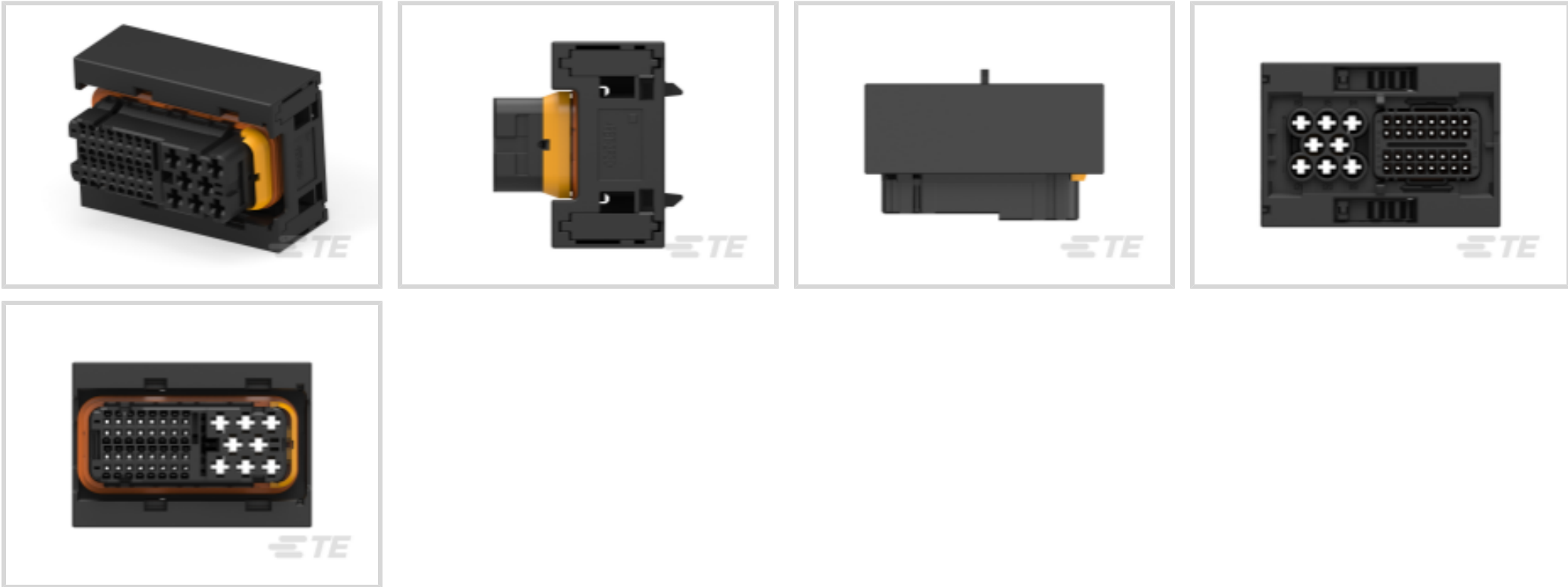




Connectors > Automotive Connectors > Automotive Housings > MQS, CONNECTOR HOUSING



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

Number of Positions: **40**

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

Centerline (Pitch): **2.54 mm, 5.8 mm [.1 in, .228 in]**

Sealable: **Yes**

[All MQS, CONNECTOR HOUSING \(359\)](#)

Features

Product Type Features

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

Configuration Features

Number of Positions	40
Number of Rows	4

Electrical Characteristics

Operating Voltage	12 VDC
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Nominal Voltage Architecture	12 V
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	
Terminal Position Assurance	Yes
Strain Relief	Without
Mating Alignment Type	Polarized
Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)
Housing Features	
Centerline (Pitch)	2.54 mm, 5.8 mm [.1 in] [.228 in]
Dimensions	
Connector Height	31 mm [1.22 in]
Product Width	37.4 mm [1.472 in]
Product Length	54.3 mm [2.138 in]
Row-to-Row Spacing	4.4 mm [.173 in]
Usage Conditions	
Operating Temperature (Max)	120 °C [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 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	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2024 (240) 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



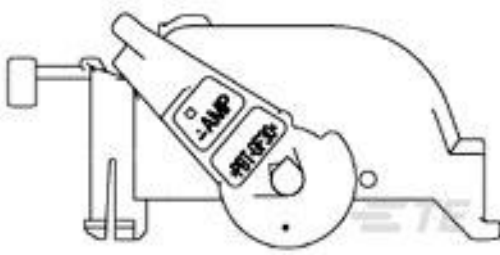
TE Part # CAT-HPCH5372
High Pin Count Header



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



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



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



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

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

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

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

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

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

Also in the Series | MQS

Automotive Connector Caps & Covers
(86)

Automotive Connector Locks & Position Assurance(22)

Automotive Housings(298)

Automotive Terminals(78)

Connector Seals & Cavity Plugs(23)

Insertion & Extraction Tools(42)

Other Automotive Connector Accessories(4)

PCB Headers & Receptacles(140)

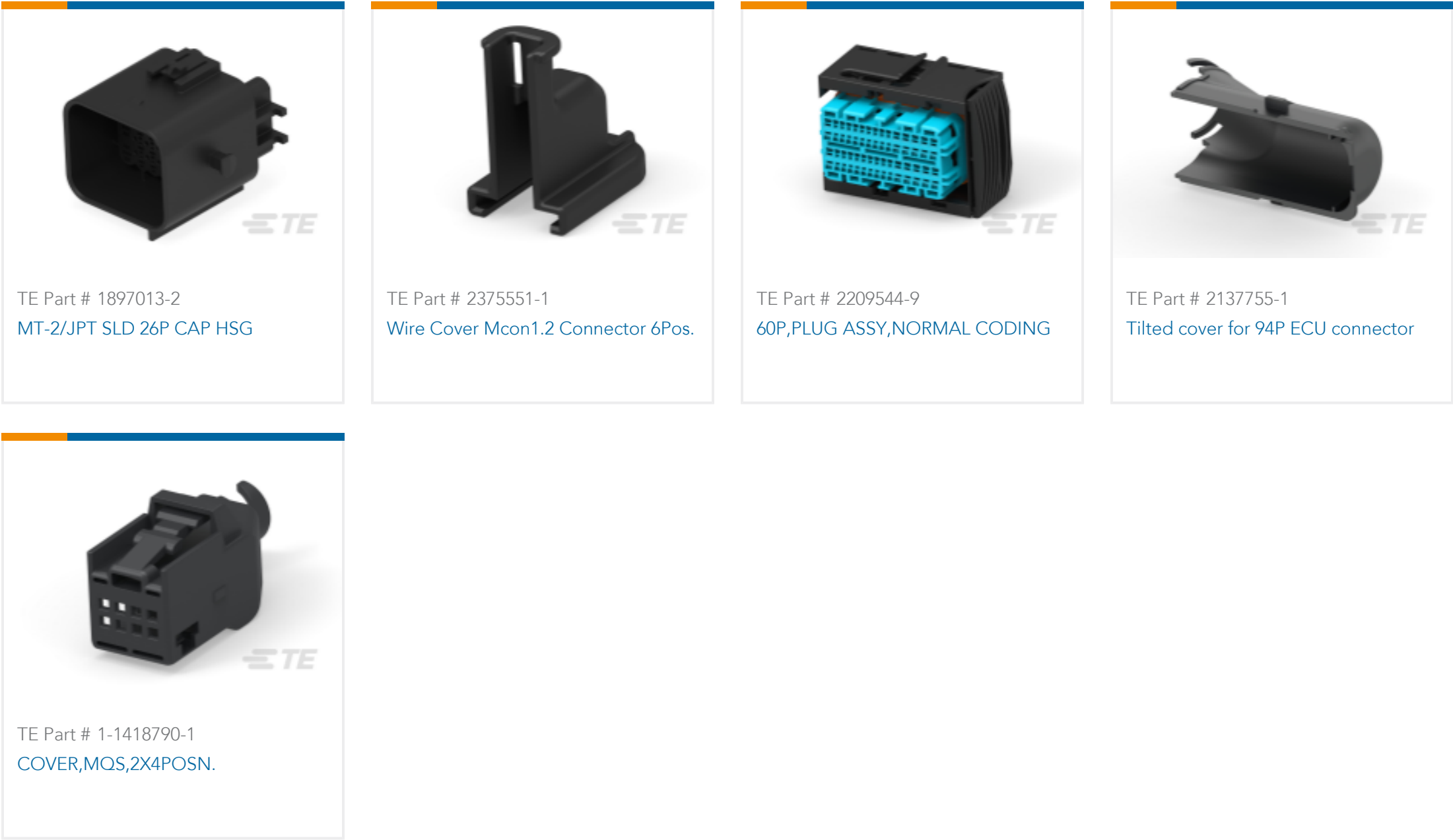
Customers Also Bought

TE Part # 1-1813099-3
2.5mm SOCKET HSG ASSEMBLY (BLACK 2POS)

TE Part # 1456471-4
8p Hybrid 0.64/2.8 Unsealed Plug Assy

TE Part # 2177587-2
MQS, CONNECTOR HOUSING

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



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.

Datasheets & Catalog Pages
Micro Quadlok Interconnection System (MQS)
English

Product Specifications
Application Specification
English
Application Specification
English



Instruction Sheets

Instruction Sheet (non U.S.)

English

Instruction Sheet (non U.S.)

Japanese