



MQS

TE Internal #: 2-1418639-5

Housing for Female Terminals, Wire-to-Device / Wire-to-Board / Wire-to-Wire, 2 Position, .1 in [2.54 mm] Centerline, Natural, Signal, MQS

[View on TE.com >](#)

Connectors > Automotive 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, Wire-to-Wire**

Number of Positions: 2

Centerline (Pitch): 2.54 mm [.1 in]

[All MQS, CONNECTOR HOUSING \(557\)](#)

Features

Product Type Features

Connector & Housing Shape	Rectangular
Connector & Housing Type	Housing for Female Terminals
Connector System	Wire-to-Board, Wire-to-Device, Wire-to-Wire
Sealable	No
Hybrid Connector	No
Primary Locking Feature	On the Terminal

Configuration Features

Number of Positions	2
---------------------	---

Body Features

Cable Exit Angle	180°
Body Material	PBT GF
Primary Product Color	Natural



Connector Code	B
----------------	---

Contact Features

Contact Size	.63mm
Contact Type	Receptacle
Mating Tab Width	.63 mm [.025 in]

Mechanical Attachment

Mounting Feature	Without
Terminal Position Assurance	Yes
Strain Relief	Without
Mating Alignment Type	Keyed
Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Centerline (Pitch)	2.54 mm [.1 in]
--------------------	-----------------

Dimensions

Product Length	16.5 mm [.648 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
---------------------	--------

Packaging Features

Packaging Quantity	6000
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 2022 (224) Candidate List Declared Against: JAN 2022 (223) SVHC > Threshold: Not Yet Reviewed
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



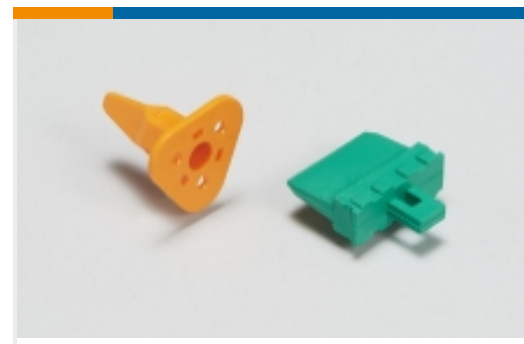
Also in the Series | MQS



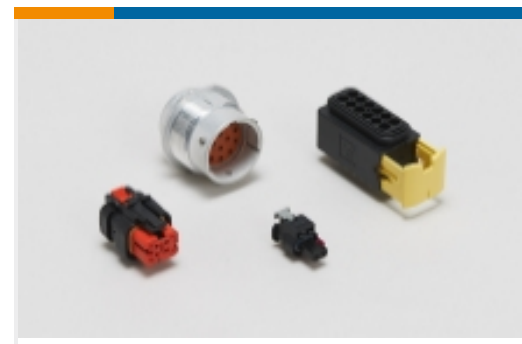
Automotive Connector Caps & Covers (132)



Automotive Connector EMC Shielding (2)



Automotive Connector Locks & Position Assurance(29)



Automotive Housings(489)



Automotive Seals & Cavity Plugs(26)



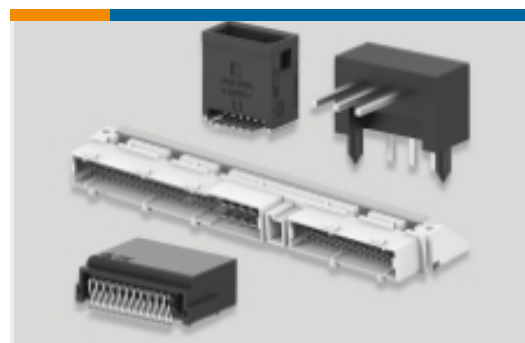
Automotive Terminals(96)



Insertion & Extraction Tools(42)



Other Automotive Connector Accessories(13)

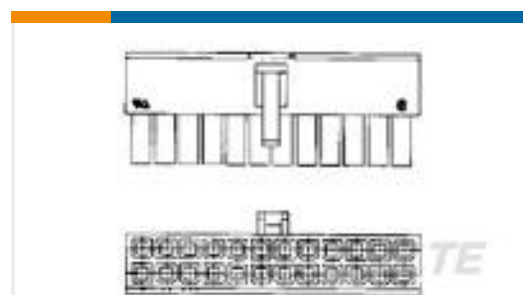


PCB Headers & Receptacles(207)

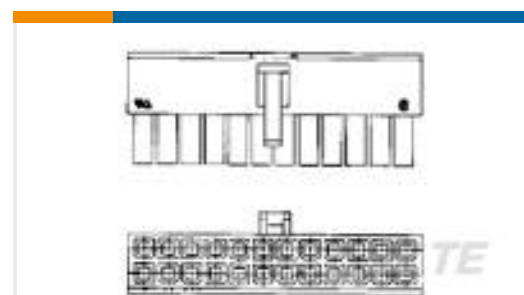
Customers Also Bought



TE Part #953118-1
40pos MQS .63 header 180deg



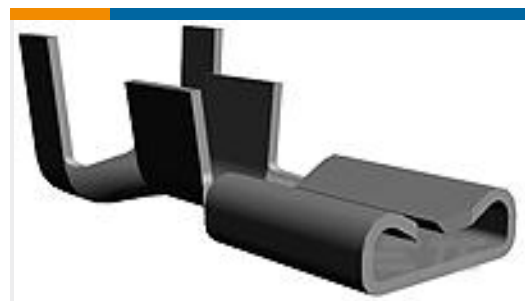
TE Part #2-794954-0
20P RCPT VAL-U-LOK V2



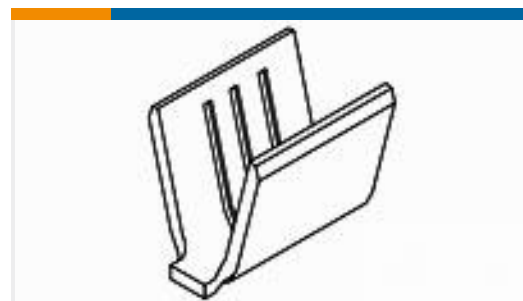
TE Part #1-794954-6
16P RCPT VAL-U-LOK V2



TE Part #1-968321-2
MQS ABDECKKAPPE 40P



TE Part #63596-1
187 FASTON REC 18-14 AWG BR



TE Part #61492-1
SPLICE 2048-5250 .020 BR



TE Part #1-968322-1
MQS, CONNECTOR HOUSING



TE Part #2-963964-7
MQS STIFTE MAGZ



Documents

Product Drawings

[2POS MQS REC COD B](#)

English

CAD Files

Customer View Model

[ENG_CVM_CVM_2-1418639-5_B.2d_dxf.zip](#)

English

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_2-1418639-5_B.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2-1418639-5_B.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

[Product Specification](#)

English