

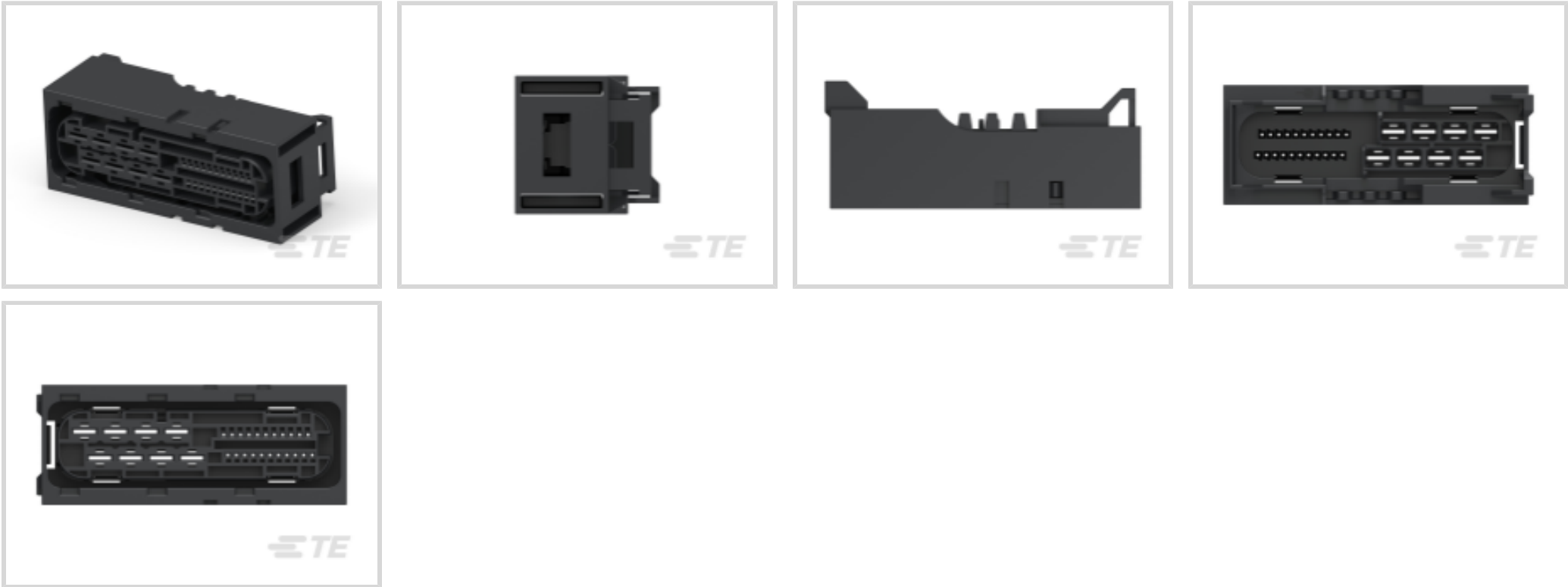


MQS

TE Internal #: 1452915-2
30 Position Housing, Housing for Female Terminals, Wire-to-Board,
2.5 mm / 9.1 mm [.1 in / .36 in] Centerline, Black, Wire & Cable,
Power & Signal

[View on TE.com >](#)

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



Number of Positions: 30
Connector & Housing Type: Housing for Female Terminals
Mating Tab Width: .63 mm, 6.3 mm [.025 in, .248 in]
Connector System: Wire-to-Board
Centerline (Pitch): 2.5 mm, 9.1 mm [.1 in, .36 in]

[All MQS, CONNECTOR HOUSING \(338\)](#)

Features

Product Type Features

Mixed & Hybrid Connector	Yes
Connector Shape	Rectangular
Connector & Housing Type	Housing for Female Terminals
Connector System	Wire-to-Board
Sealable	No
Primary Locking Feature	On the Terminal
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	30
Number of Rows	2

Electrical Characteristics

Nominal Voltage Architecture	25 V
------------------------------	------



Body Features

Cable Exit Angle	90°
Primary Product Color	Black
Connector & Keying Code	Neutral

Contact Features

Contact Size	.63mm, 6.3mm
Contact Type	Receptacle
Mating Tab Width	.63 mm, 6.3 mm[.025 in][.248 in]
Contact Current Rating (Max)	7.5 A, 40 A

Mechanical Attachment

Strain Relief	With
Terminal Position Assurance	No
Mating Alignment Type	Polarizing Slot
Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Housing Material	PBT GF20
Centerline (Pitch)	2.5 mm, 9.1 mm[.1 in][.36 in]

Dimensions

Row-to-Row Spacing	6 mm, 7.8 mm[.24 in][.31 in]
Product Width	35.5 mm[1.38 in]
Product Length	90.4 mm[3.56 in]
Connector Height	35.5 mm[1.4 in]

Usage Conditions

Operating Temperature (Max)	85 °C[185 °F]
Operating Temperature Range	-40 – 85 °C[-40 – 185 °F]

Operation/Application

Circuit Application	Power & Signal
---------------------	----------------

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 2025 (247) Candidate List Declared Against: JAN 2025 (247) 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 # 1241403-1
AMP MCP 6.3/4.8K, CONTACT, (LP)

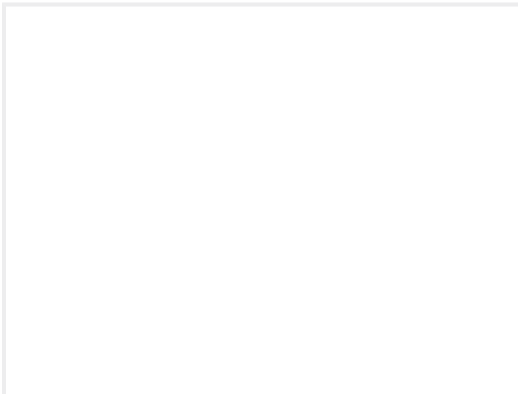
TE Part # 1241401-1
AMP MCP6.3/4.8K,CONTACT,(LP)

TE Part # 1-1452920-1
COVER ASSY FOR 30 POS EPB CONN

TE Part # 1241409-1
AMP MCP 6.3/4.8K, CONTACT, (LP)



TE Part # 1452920-1
30 POS CONNECTOR COVER ASSY



TE Part # 1452916-2
30 POS FEMALE HSG



TE Part # 1241407-1
AMP MCP 6.3/4.8K, CONTACT, (LP)



TE Part # 1241407-3
AMP MCP 6.3/4.8K, TERMINAL, LP



TE Part # 1534358-1
RETAINER



TE Part # 1241405-1
AMP MCP 6.3/4.8K, CONTACT, (LP)

Customers Also Bought



TE Part #CAT-T319-CH8172
TH/.025 CONNECTOR SYSTEM, HOUSING



TE Part #1241406-1
AMP MCP 6.3/4.8K, CONTACT



TE Part #1801431-1
RCPT CONT, 8MM NG1+, MAXIFUSE, 2.5-4 MM2



TE Part #2322347-2
12POS, HYBRID, REC HSG, UNSLD, COD 2



TE Part #170452-2
PL 250 AUTOMOTIVE REC 22-20 AWG PRE TPBR



TE Part #964273-2
JPT A REC 2.8 Contact SWS Sn



TE Part #1456985-1
1X6 Fem unsealed LP assy Key B



TE Part #1827120-1
SQUIB LOCKING BUTTON



TE Part #2209477-1
KIT ASS'Y FOR 52POS.MQS FEMALE CONNECTOR

Documents



Product Drawings

30POS MIXED MQS REC SEALED

English

CAD Files

Customer View Model

ENG_CVM_CVM_1452915-2_E.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1452915-2_E.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1452915-2_E.3d_stp.zip

English

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

Product Specifications

Interface for 30way sealed connector

English

Application Specification

English

Application Specification

English