1452915-2 ✔ ACTIVE

MQS

TE Internal #: 1452915-2

Housing for Female Terminals, Wire-to-Board, 30 Position, .098 in / .358 in [2.5 mm / 9.1 mm] Centerline, Black, Wire & Cable, Power & Signal, MQS

View on TE.com >

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







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

Number of Positions: **30**

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

Centerline (Pitch): **2.5 mm, 9.1 mm [.098 in, .358 in]**

Sealable: **No**

All MQS, CONNECTOR HOUSING (435)

Features

Product Type Features

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

Configuration Features

Number of Positions	30
Number of Rows	2

Electrical Characteristics

Operating Voltage	14 VAC

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
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[.098 in][.358 in]

Dimensions

Connector Height	37.1 mm[1.461 in]
Product Width	35.5 mm[1.398 in]
Product Length	91 mm[3.583 in]

Usage Conditions

Operating Temperature (Max)	130 °C[266 °F]
Operating Temperature Range	-40 - 130 °C[-40 - 266 °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 2024 (240) Candidate List Declared Against: JAN 2024 (240) 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 # 1534358-1
RETAINER



TE Part # 1241405-1
AMP MCP 6.3/4.8K, 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 # 1241407-3
AMP MCP 6.3/4.8K,TERMINAL,LP

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

TE Part # 1452916-2
30 POS FEMALE HSG



TE Part # 1241403-1
AMP MCP 6.3/4.8K, CONTACT, (LP)



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

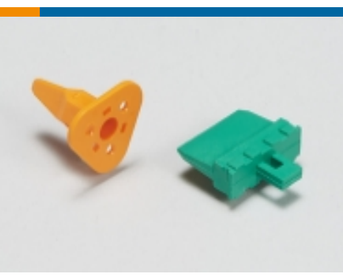
Also in the Series | MQS



Automotive Connector Caps & Covers (113)



Automotive Connector EMC Shielding (3)



Automotive Connector Locks & Position Assurance(26)



Automotive Housings(379)



Automotive Terminals(88)



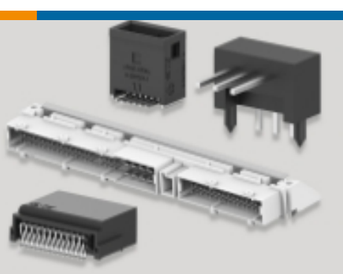
Connector Seals & Cavity Plugs(27)



Insertion & Extraction Tools(42)



Other Automotive Connector Accessories(7)

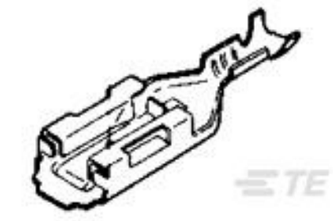


PCB Headers & Receptacles(143)

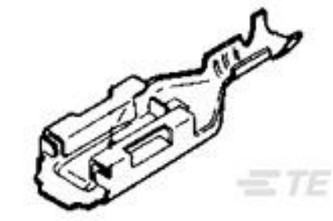
Customers Also Bought



TE Part # 179631-1
DIAGNOSTIC PLUG HSG 16P NARU.



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



TE Part # 170454-2
PL 250 AM REC 18-14 0.40 X 21 PRE-TPBR



TE Part # 1-85202-3
JPT 2P ASSY D/GRAY CODE B



TE Part # 1379659-6
8W PLUG HOUSING ASSY RED, CONN KIT



TE Part # 2302475-1
10POS,NANOMQS,REC HSG,COD A



TE Part # 1544227-1
CLIP 8 MM NG1-1 PO



TE Part # 7-1452665-2
MCON 1.2 LL REC SWS AU



TE Part # 1544650-3
PC 2V 8NG1 GRIS JT



TE Part # 85069-2
250 P.LOCK REC

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

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Datasheets & Catalog Pages

Micro Quadlok Interconnection System (MQS)

English

Product Specifications

Interface for 30way sealed connector

English

Application Specification

English

Application Specification

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