



MQS

TE Internal #: 1394048-1
12 V, 12 Position, Automotive Housing for Female Terminals, Wire-to-Board / Wire-to-Wire, 2.54 mm [.1 in] Centerline, Black, Wire & Cable, Signal

[View on TE.com >](#)

Automotive Parts > Automotive Connectors > Automotive Housings > MQS 0.63mm Unsealed Connectors



Nominal Voltage Architecture: 12 V
Connector & Housing Type: **Housing for Female Terminals**
Number of Positions: 12
Sealable: No
Operating Temperature Range: -40 – 80 °C [-40 – 176 °F]

[All MQS 0.63mm Unsealed Connectors \(140\)](#)

Features

Product Type Features

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

Configuration Features

Number of Positions	12
Number of Rows	2

Electrical Characteristics

Operating Voltage	500 VDC
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Nominal Voltage Architecture	12 V
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Body Features

Cable Exit Angle	180 °
Primary Product Color	Black
Connector & Keying Code	Neutral

Contact Features

Contact Size	.63mm
Contact Type	Receptacle
Mating Tab Width	.63 mm[.02 in]

Mechanical Attachment

Strain Relief	Add By Accessory
Terminal Position Assurance	No
Mating Alignment Type	Polarization
Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Housing Material	PBT GF10
Centerline (Pitch)	2.54 mm[.1 in]

Dimensions

Row-to-Row Spacing	2.54 mm[.1 in]
Product Width	16 mm[.63 in]
Product Length	16 mm[.62 in]
Connector Height	7.8 mm[.3 in]

Usage Conditions

Operating Temperature Range	-40 – 80 °C[-40 – 176 °F]
Operating Temperature (Max)	80 °C[176 °F]

Operation/Application

Circuit Application	Signal
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Industry Standards

UL Flammability Rating	UL 94HB
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Packaging Features

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Packaging Method	Box
Other	
Serviceable	No
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

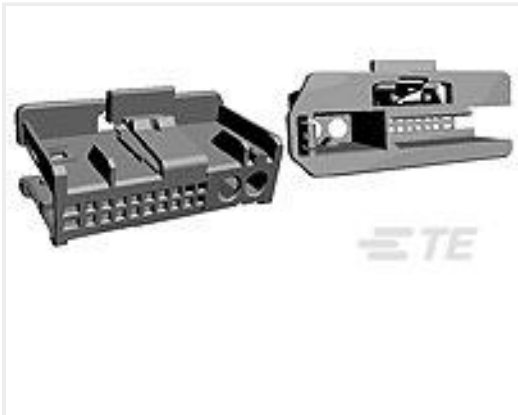
Product Compliance Disclaimer

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 # CAT-M8793-T273
MQS, RECEPTACLE AND TAB



TE Part # 1-1355796-1
LWL,MQS,1.5KAPPE22P



TE Part # 9-1355795-1
LWL/MQS COVER



TE Part # 1719297-1
12pos MQS .63 header 180deg THR



TE Part # CAT-M8793-CH8172
MQS, CONNECTOR HOUSING

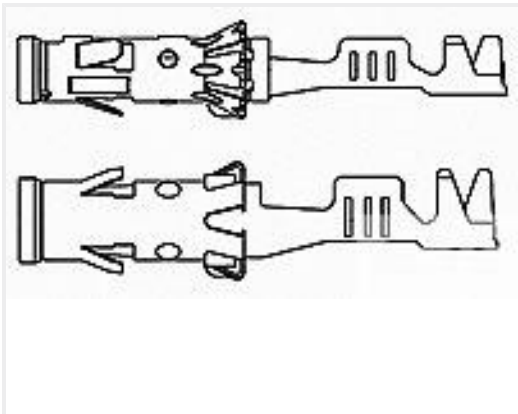


TE Part # 1-1355795-1
LWL/MQS ABDECKKAPPE

Customers Also Bought



TE Part #5-928999-6
MQS0,63 Ag rec LL unseal. >0,2-0,35



TE Part #929985-1
RECEPTACLE CONTACT 1,5MM DIA



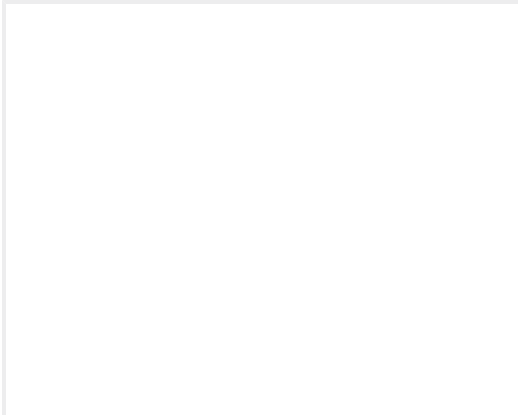
TE Part #1418776-1
COVER,MQS,5 POS.



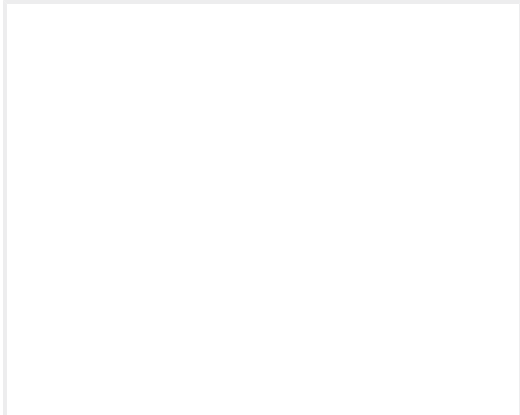
TE Part #7-1452656-1
MCON 1.2 LL REC SRC SN



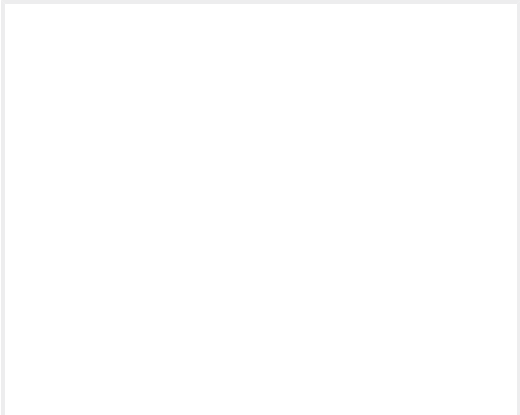
TE Part #2282152-3
4POS,NANOMQS,REC HSG,CODC



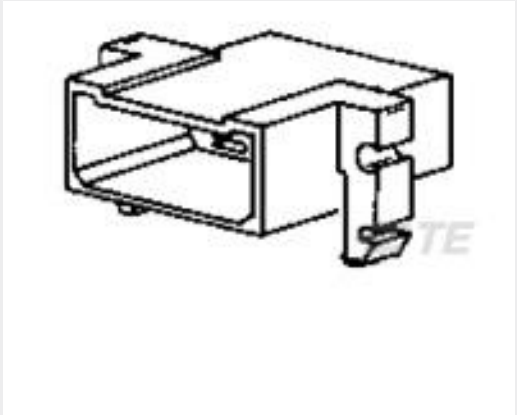
TE Part #40-0244-000-P00
940 INSULATION INSERT, 6/8-PIN



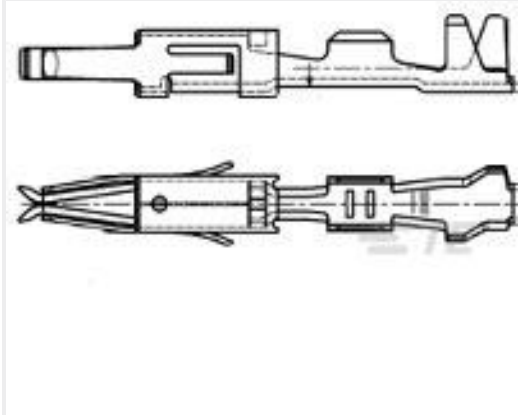
TE Part #40-0028-000-P00
923 INSULATION INSERT, 6-PIN



TE Part #40-0084-000-P00
923 INSULATION INSERT, 6-PIN



TE Part #180948
6 POS FASTON TAB HOUSING



TE Part #965914-2
MT3 REC 1.6 Contact SRC Sn

Documents



Product Drawings

12POS MQS REC

English

CAD Files

Customer View Model

ENG_CVM_CVM_1394048-1_A.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1394048-1_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1394048-1_A.3d_stp.zip

English

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

Product Specifications

Connector with optical contacts (MOST) and electrical contacts

English

Application Specification

English