



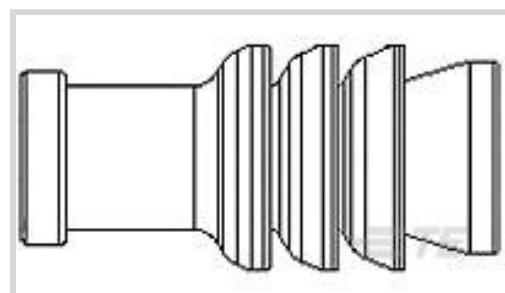
AMP | MQS

TE Internal #: 963142-2

Automotive Seals & Cavity Plugs, Single Wire Seal (SWS), Cavity Diameter .157 in [4 mm], Silicone, Poor, 50, Contains Lubricant, Gray, MQS

[View on TE.com >](#)

Connectors > Automotive Connectors > Automotive Seals & Cavity Plugs



Connector Seal & Plug Type: **Single Wire Seal (SWS)**

Cavity Diameter: **4 mm [.157 in]**

Compatible Insulation Diameter Range: **1.4 mm [.055 in]**

Primary Product Material: **Silicone**

Resistance to Hydrocarbons: **Poor**

Features

Product Type Features

Connector Seal & Plug Type	Single Wire Seal (SWS)
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Body Features

Primary Product Material	Silicone
Primary Product Color	Gray

Dimensions

Cavity Diameter	4 mm[.157 in]
Compatible Insulation Diameter Range	1.4 mm[.055 in]

Usage Conditions

Operating Temperature (Max)	65 °C, 70 °C, 75 °C, 80 °C, 85 °C, 90 °C, 100 °C, 105 °C, 110 °C, 120 °C, 125 °C, 130 °C [149 °F][158 °F][167 °F][176 °F][185 °F][194 °F][212 °F][221 °F][230 °F][248 °F][257 °F][266 °F]
Operating Temperature Range	-40 – 130 °C[-40 – 266 °F]

Industry Standards

UL Flammability Rating	None
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Other

Resistance to Hydrocarbons	Poor
Shore A Hardness	50



Contains Lubricant	Yes
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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 2023 (235) Candidate List Declared Against: JAN 2023 (233) 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-M8793-CH8172
MQS, CONNECTOR HOUSING



TE Part # CAT-M4595-T273
MCON Receptacle and Tab



TE Part # CAT-M8793-T273
MQS, RECEPTACLE AND TAB



TE Part # 4-368213-7
AIR BAG 50P HDR ASSY C-BLU/PL




TE Part # 2297911-1
12 WAY IN-LINE TAB PLUG ASSY



TE Part # 2297907-1
12 WAY IN-LINE REC PLUG ASSY



TE Part # 1-2236343-1
3POS, MCON 1.2 LL REC SEALED



TE Part # 1-2236343-5
3POS, MCON 1.2 LL REC SEALED



TE Part # 1-2236896-1
2POS, MCON 1.2 LL REC SEALED



TE Part # 1-2236896-5
2POS, MCON 1.2 LL REC SEALED



TE Part # 1-2236898-1
5POS, MCON 1.2 LL REC SEALED



TE Part # 1-2236898-5
5POS, MCON 1.2 LL REC SEALED



TE Part # 2-2151477-1
OCEAN_2.0_APPLICATOR-S-055F125F



TE Part # 2-2151477-2
OCEAN_2.0_APPLICATOR-S-055F125F



TE Part # 2-2236343-1
3POS, MCON 1.2 LL REC SEALED



TE Part # 2-2236343-5
3POS, MCON 1.2 LL REC SEALED



TE Part # 2-2236896-1
2POS, MCON 1.2 LL REC SEALED



TE Part # 2-2236896-5
2POS, MCON 1.2 LL REC SEALED



TE Part # 2-2236898-1
5POS, MCON 1.2 LL REC SEALED



TE Part # 2-2236898-5
5POS, MCON 1.2 LL REC SEALED

Also in the Series | MQS




Automotive Connector Caps & Covers (139)



Automotive Connector EMC Shielding (3)



Automotive Connector Locks & Position Assurance(30)



Automotive Housings(506)



Automotive Seals & Cavity Plugs(27)



Automotive Terminals(104)



Insertion & Extraction Tools(42)

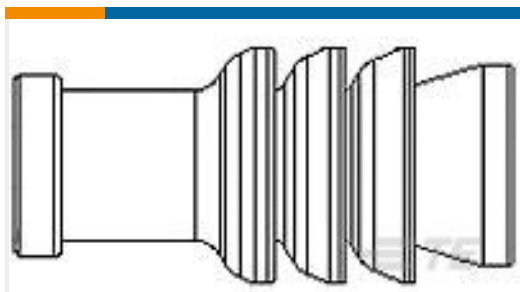


Other Automotive Connector Accessories(14)



PCB Headers & Receptacles(214)

Customers Also Bought



TE Part #963143-1
MQS BLINDSTOPFEN



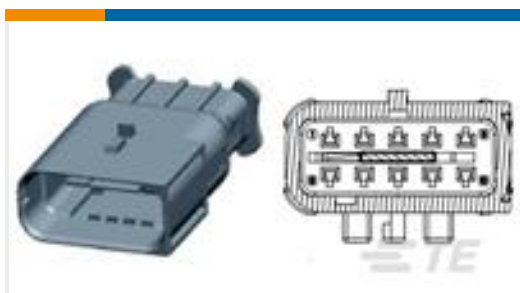
TE Part #1379118-2
MQS, CONNECTOR HOUSING



TE Part #1-2403751-3
CU ALLOY, OUTER FERRULE, 70MM2
SN PLATED



TE Part #1801178-2
3W RECEPTACLE HP CONNECTOR
BLUE



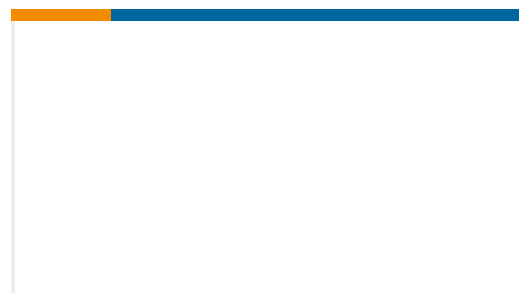
TE Part #1801606-1
TAB HOUSING, MCON, 10 W, SEALED



TE Part #2400163-1
CSJ12 TERMINAL CRIMP 90D,
ASSEMBLY



TE Part #2403748-3
SWS, PCON18, BLK, CABLE SEAL, 180,
FOR 70SQMM



TE Part #2334366-3
32POS, HYBRID, HDR ASSY, 90DEG,
SLDR



TE Part #2403754-3
REC CONN CVR, 2POS, PCON18,
180DEG, 70SQMM

Documents



Product Drawings

[SWS,MQS,CVTY DIA,4.0,GRY](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_963142-2_C.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_963142-2_C.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_963142-2_C.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages

[MCON Interconnection System](#)

English

Product Specifications

[Application Specification](#)

English