



MQS

TE Internal #: 1823111-1

MQS, Automotive Seals & Cavity Plugs, Single Wire Seal (SWS),

Cavity Diameter .334 in [8.5 mm], Accepts Cable Insulation

Diameter Range .118 in [3 mm]

[View on TE.com >](#)

Connectors > Automotive Connectors > Seals & Cavity Plugs



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

Cavity Diameter: **8.5 mm [.334 in]**

Accepts Cable Insulation Diameter Range: **3 mm [.118 in]**

Seal Material: **Silicone**

Resistance to Hydrocarbons: **Poor**

Features

Product Type Features

Connector Seal Type	Single Wire Seal (SWS)
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Body Features

Seal Material	Silicone
Primary Product Color	Brown

Dimensions

Cavity Diameter	8.5 mm[.334 in]
Accepts Cable Insulation Diameter Range	3 mm[.118 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
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Shore A Hardness	50
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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
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUL 2021 (219) Candidate List Declared Against: JAN 2021 (211) SVHC > Threshold: Not Yet Reviewed
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Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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Solder Process Capability	Not applicable for solder process capability
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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-M4595-CH8172
MCON, CONNECTOR HOUSING



TE Part # 1-2112502-1
38POS, MIXED, REC HSG, ASSY, SEALED



TE Part # CAT-AM705-T273
AMP MCP, RECEPTACLE AND TAB



TE Part # CAT-H3399-CH8172
Heavy Duty Sealed Connector Series Housings



TE Part # 2-1564536-1
4POS, TAB5.8X0.8, TABHSG, ASSY, COD. B



TE Part # 3-1564536-1
4POS, TAB5.8X0.8, TABHSG, ASSY, COD. C




TE Part # 4-1564536-1
4POS, TAB5.8X0.8, TABHSG, ASSY, COD. D

Also in the Series | **MQS**




Automotive Connector Caps & Covers (133)




Automotive Connector EMC Shielding (2)



Automotive Connector Locks & Position Assurance (29)




Automotive Headers (206)



Automotive Housings (499)




Automotive Seals & Cavity Plugs (26)




Automotive Terminals (98)



Data Connectivity Headers (1)



Insertion & Extraction Tools (42)



Other Automotive Connector Accessories (13)

Customers Also Bought



TE Part #1719043-1
SINGLE WIRE SEAL, GREEN



TE Part #1394512-1
EINZELLEITDICHTG, BL



TE Part #1-1564544-1
2POS, TAB 5.8X0.8, TAB HSG, ASSY



TE Part #1-962918-2
TAB 5.8x0.8 CONTACT CS SWS Ag



TE Part #1418408-1
AMP MCP, RECEPTACLE AND TAB



TE Part #968680-2
MOS, RECEPTACLE AND TAB



TE Part #8-22280-7
SPRING, COMPRESSION

Documents

Product Drawings

SINGLE WIRE SEAL, FOR WIRE 2.5SQMM, BN

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_1823111-1_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1823111-1_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1823111-1_A.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

HDSCS Catalog

English

CONNECTOR SELECTOR

English