



Connectors > Connector Accessories > Connector Seals & Cavity Plugs



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

Primary Product Material: **Silicone**

Primary Product Color: **White**

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

Compatible Insulation Diameter Range: **2.7 mm [.106 in]**

Features

Product Type Features

|                            |                        |
|----------------------------|------------------------|
| Connector Seal & Plug Type | Single Wire Seal (SWS) |
|----------------------------|------------------------|

Body Features

|                          |          |
|--------------------------|----------|
| Primary Product Material | Silicone |
| Primary Product Color    | White    |

Dimensions

|                                      |                 |
|--------------------------------------|-----------------|
| Cavity Diameter                      | 8.5 mm[.334 in] |
| Compatible Insulation Diameter Range | 2.7 mm[.106 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 |
|------------------------|------|

Other

|                            |      |
|----------------------------|------|
| Resistance to Hydrocarbons | Poor |
| Shore A Hardness           | 50   |
| Contains Lubricant         | Yes  |



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)<br>Candidate List Declared Against: JAN 2024 (240)<br>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-H3399-CH8172  
Heavy Duty Sealed Connector Series Housings



TE Part # CAT-T4827-CH8172  
Timer Connector Housing



TE Part # CAT-AM705-CH8172  
AMP MCP, SEALED CONNECTOR HOUSING



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



TE Part # 1703661-1  
6POS, MIXED,REC HSG,ASSY

TE Part # 2301461-1  
30POS,HYBRID,TAB HSG ASSY,SLD, COD A

TE Part # 2301462-1  
30POS,HYBRID,REC HSG ASSY,SLD, COD A

TE Part # 1-2344950-1  
95POS, HYBRID, REC HSG, ASSY, COD A

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

TE Part # 2-2344950-1  
95POS, HYBRID, REC HSG, ASSY, COD B

TE Part # 2209520-6  
46POS. REC HOUSING ASSY

TE Part # 2301461-2  
30POS,HYBRID,TAB HSG ASSY,SLD, COD B

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(26)

Insertion & Extraction Tools(42)

Other Automotive Connector Accessories(7)

PCB Headers & Receptacles(143)

Customers Also Bought







TE Part # 3336796001  
RBK-ESS-CROSS-10.0-X-8MM



TE Part # CM9613-000  
SBP050100WE10



TE Part # HD16-9-96SE  
PLUG ASM



TE Part # 640249-3  
RING TONGUE .190 10-8 AWG NIBR



TE Part # 2-2289748-0  
58POS, MIXED,REC HSG,ASSY



TE Part # 2177018-1  
SINGLE WIRE SEAL,AMP MCP6.3/4.8K, YW



TE Part # 2359941-6  
96POS,MCON-1.2 CB,REC HSG,ASSY



TE Part # 2359943-1  
96POS,MCON-1.2 CB,REC HSG,ASSY



TE Part # 8-1564284-6  
96POS,MCON-1.2 CB,REC HSG,ASSY



TE Part # 5-2297790-2  
2POS,HPF 1.2,REC HSG,ASSY,SLD

Documents

Product Drawings  
EINZELLEITDICHTG,WS

English

CAD Files  
Customer View Model  
ENG\_CVM\_1394511-1\_A2.3d\_igs.zip

English

Customer View Model  
ENG\_CVM\_1394511-1\_A2.3d\_stp.zip

English

Customer View Model  
ENG\_CVM\_1394511-1\_A2.2d\_dxf.zip

English

3D PDF

English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

Datasheets & Catalog Pages



1394511-1

Single Wire Seal (SWS), Silicone, White, 8.5 mm [.334 in] Cavity Diameter, .106 in [2.7 mm] Insulation Diameter, MQS



[HDSCS Catalog](#)

English

[CONNECTOR SELECTOR](#)

English