



Connectors > Automotive Connectors > Seals & Cavity Plugs



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

Cavity Diameter: **5 mm [.197 in]**

Accepts Cable Insulation Diameter Range: **1.2 – 2.1 mm [.047 – .083 in]**

Seal Material: **Silicone**

Resistance to Hydrocarbons: **Poor**

Features

Product Type Features

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

Body Features

| | |
|-----------------------|----------|
| Seal Material | Silicone |
| Primary Product Color | Orange |

Dimensions

| | |
|---|------------------------------|
| Cavity Diameter | 5 mm[.197 in] |
| Accepts Cable Insulation Diameter Range | 1.2 – 2.1 mm[.047 – .083 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 |
|------------------------|------|

Packaging Features

| | |
|--------------------|-------|
| Packaging Quantity | 10000 |
| Packaging Method | Bag |

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 2021 (211) Candidate List Declared Against: JAN 2021 (211) 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-AM705-CH8172
AMP MCP, SEALED CONNECTOR HOUSING



TE Part # CAT-T4827-CH8172
TIMER, CONNECTOR HOUSING



TE Part # 1-284844-0
12 POS MCP HYBRID MALE CONNECTOR



Also in the Series | Round Connector System



Automotive Connector Caps & Covers
(5)



Automotive Housings(16)



Automotive Seals & Cavity Plugs(3)

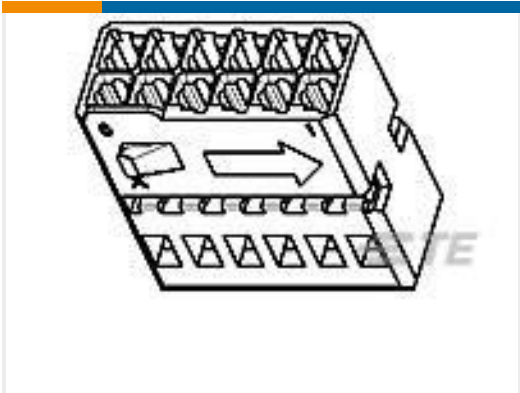


Automotive Terminals(77)



Insertion & Extraction Tools(8)

Customers Also Bought



TE Part #1394048-1
12POS MQS REC



TE Part #1-967623-2
JUN-POW-TIM GEH 15P



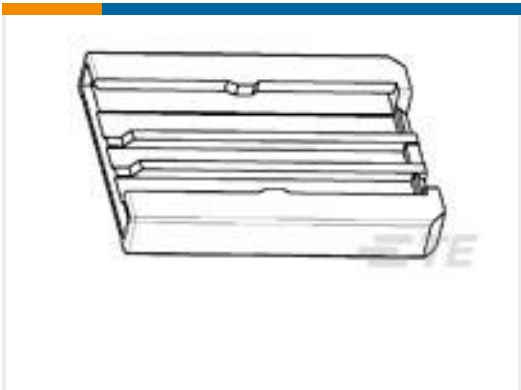
TE Part #1-1564518-1
10POS, MIXED,TAB HSG,ASSY



TE Part #1-1718484-2
CARRIER FOR RECEPTACLE INSERTS



TE Part #1-2112231-1
46POS,AMP MCP1.5K,REC HSG,ASSY



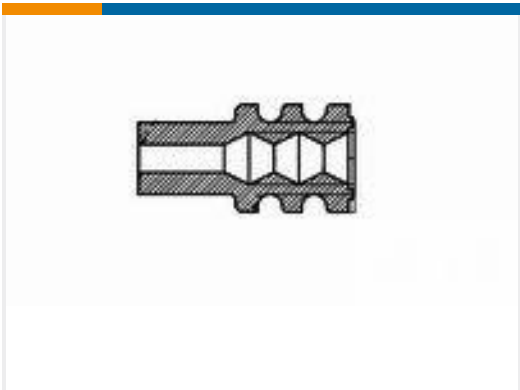
TE Part #1420001-1
MQS VERSCHL.PLATTE



TE Part #1534149-1
MQS RETAINER ,BLACK



TE Part #1-1718492-3
1.5MM TAB HSG 36 POS ASSY



TE Part #1393457-3
V23540M1000Z109=BLINDSTOPFEN (



TE Part #SMBR-02-U
DIN72585 BACKSHELL 90



Documents

Product Drawings

SINGLE WIRE SEAL F.EXT.INS.DIA

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_284863-1_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_284863-1_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_284863-1_A.3d_stp.zip

English

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