



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)
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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
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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 2022 (223) Candidate List Declared Against: JAN 2022 (223) 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(74)



Insertion & Extraction Tools(8)

Customers Also Bought



TE Part #1-963734-1
TAB 5.8x0.8 CONTACT CS SRC Sn



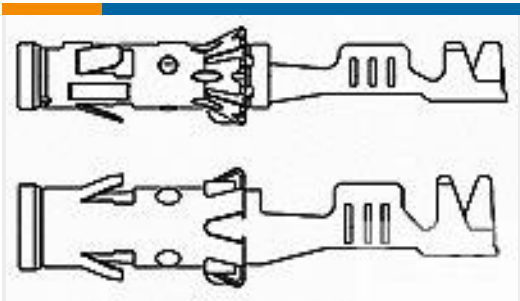
TE Part #5-2297790-1
2POS,HPF 1.2,REC HSG,ASSY,SLD



TE Part #5-965641-1
6POS. TAB HOUSING, 2.8MM



TE Part #5053046037
RNF-100-3/16-0-25MM



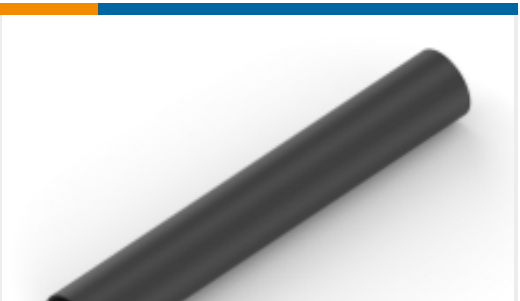
TE Part #929975-7
2,5MM EDS BU-KONT



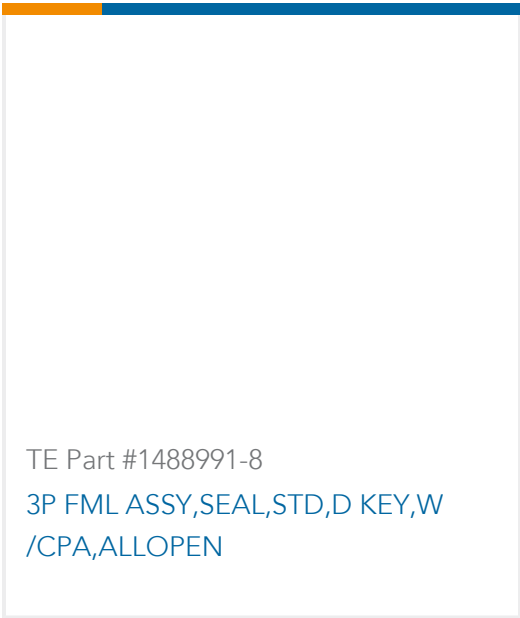
TE Part #1355528-2
MPQ 2.KONT-SICHNG8P



TE Part #444156-4
.250 FASTON REC.



TE Part #NB09606001
ATUM-19/4-0-30MM



TE Part #1488991-8
3P FML ASSY,SEAL,STD,D KEY,W /CPA,ALLOPEN



TE Part #2359941-1
96POS,MCON-1.2 CB,REC HSG,ASSY



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

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

Product Environmental Compliance

Product Compliance

English

Product Compliance

English