



AMP | Timer Connector System

TE Internal #: 963294-1

Automotive Seals & Cavity Plugs, Single Wire Seal (SWS), Cavity Diameter .205 in [5.2 mm], Silicone, Poor, 50, Timer Connector System

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Connectors > Automotive Connectors > Automotive Seals & Cavity Plugs



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

Cavity Diameter: **5.2 mm [.205 in]**

Compatible Insulation Diameter Range: **1.2 – 2.1 mm [.047 – .083 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	Blue

Dimensions

Cavity Diameter	5.2 mm[.205 in]
Compatible 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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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: 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-T4827-T273
TIMER, RECEPTACLE AND TAB



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



TE Part # 3-2109313-2
060/110 HYB 8P SLD PLUG ASSY D



TE Part # 2138314-1
36P SEALED HYBRID (32X 1.2, 4X)



TE Part # 2299450-1
14P TAB HOUSING ASSY



TE Part # 2209545-1
94P, MQS CB, REC HSG, ASSY, SEALED



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



TE Part # 2-2141892-1
JPT A REC 2.8 Contact SRC Au CONNECTOR



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



TE Part # 2349074-1
4POS, AMP MCP 2.8K, REC HSG ASSY



TE Part # 4-964300-1
TAB A 2.8x0.8 CONTACT SWS



TE Part # 2-966694-1
FLA-STE-GH2, 8RD2X5P



TE Part # 6-964282-6
JUNIOR POWER TIMER TYP:A




TE Part # 6-964300-6
TAB A 2.8x0.8 CONTACT SWS


Also in the Series | **Timer Connector System**



Automotive Connector Caps & Covers (12)



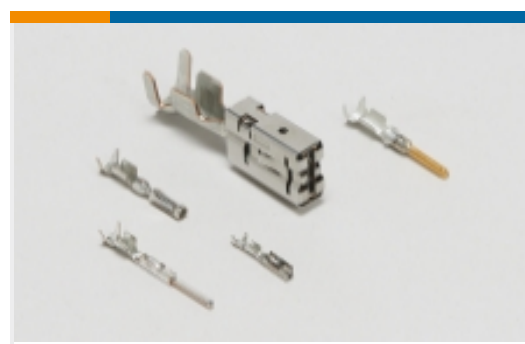
Automotive Connector Locks & Position Assurance(17)



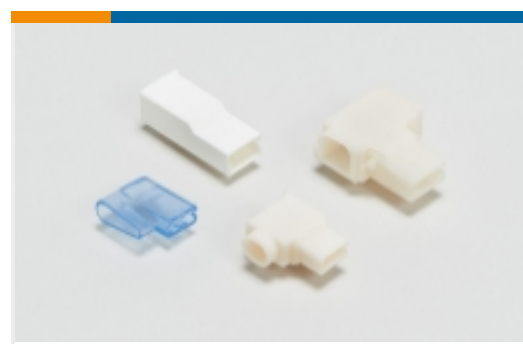
Automotive Housings(235)



Automotive Seals & Cavity Plugs(32)



Automotive Terminals(145)



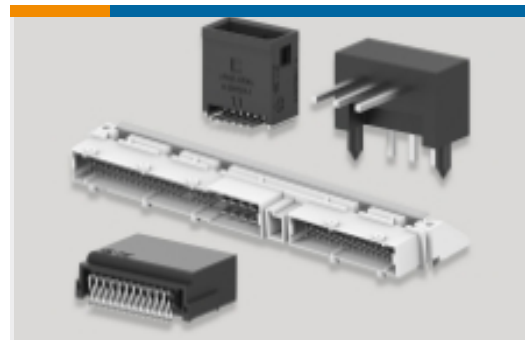
Crimp Terminal Housings(13)



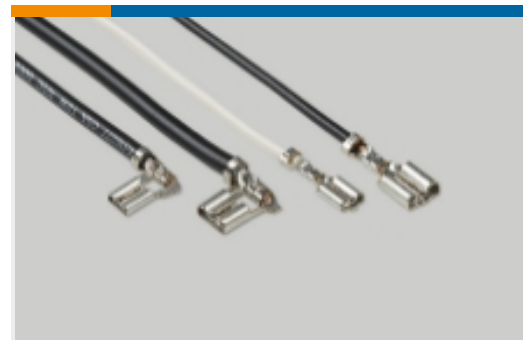
Insertion & Extraction Tools(19)



Other Automotive Connector Accessories(1)



PCB Headers & Receptacles(82)



Quick Disconnects(4)

Customers Also Bought



TE Part #1241394-1
AMP MCP 2.8K, CONTACT, SWS



TE Part #964282-2
JPT A REC 2.8 Contact SWS Sn



TE Part #1563126-1
2. LOCK, 10 POS MALE HOUSING



TE Part #284863-1
SINGLE WIRE SEAL F.EXT.INS.DIA



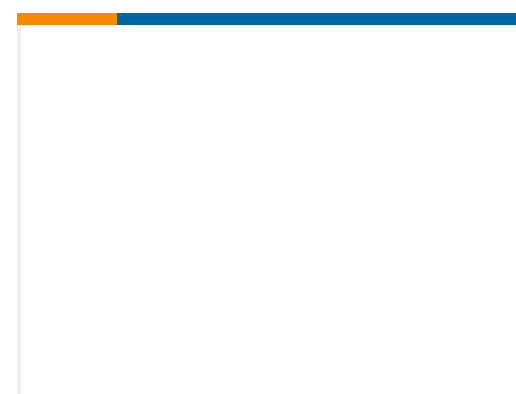
TE Part #1563123-2
10POS, MIXED, REC HSG



TE Part #2177000-1
10POS, 0.64 GENER. Y, REC HSG, ASSY



TE Part #5-1633965-4
INSULATION CRIMPER



TE Part #2-773119-1
EDS OVERMOLDED 2P ASSY, ORANGE



TE Part #2382148-1
Borgwarner_Volvo_TVDC_CABLE

Documents



Product Drawings

SINGLE WIRE SEAL INSULATION DI

English

CAD Files

Customer View Model

[ENG_CVM_CVM_963294-1_E.2d_dxf.zip](#)

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_963294-1_E.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_963294-1_E.3d_stp.zip](#)

English

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

Product Specifications

CAVITY PLUG (HYB 38P ISL PLUG)

English

Product Specification

Japanese

Product Specification

English

MQS CLEAN BODY PLUG ASSY 81P & 40P

Japanese

MQS CLEAN BODY PLUG ASSY 81P & 40P

Japanese

Product Specification

English

Instruction Sheets

Instruction Sheet (non U.S.)

English

Instruction Sheet (non U.S.)

Japanese