



AMP | Timer Connector System

TE Internal #: 963530-1

Single Wire Seal (SWS), Silicone, Gray, 3.6 mm [.142 in] Cavity Diameter, .074 in [1.9 mm] Insulation Diameter, Timer Connector System

[View on TE.com >](#)

Connectors > Connector Accessories > Connector Seals & Cavity Plugs



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

Primary Product Material: **Silicone**

Primary Product Color: **Gray**

Cavity Diameter: **3.6 mm [.142 in]**

Compatible Insulation Diameter Range: **1.9 mm [.074 in]**

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	Gray

Dimensions

Cavity Diameter	3.6 mm [.142 in]
Compatible Insulation Diameter Range	1.9 mm [.074 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
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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: JUNE 2023 (235) 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-CH8172
Timer Connector Housing



TE Part # CAT-M9194-CH8172
MULTILOCK, CONNECTOR HOUSING



TE Part # 2306960-1
3POS,AMP MCP 1.5K,REC HSG ASSY, SLD,COD A



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




TE Part # CAT-T4827-T273
TIMER, RECEPTACLE AND TAB



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



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



TE Part # 2299450-1
14P TAB HOUSING ASSY



TE Part # 1393436-4
V23542C1028B300=KABELBAUMST. 8



TE Part # 444046-4
HSG ASSY 4P MULTI-LOCK REC.



TE Part # 1-1379208-1
26W ASSY RECEPTACLE HSG



TE Part # 1-1743059-2
MT-2/JPT SLD 36P PLUG ASSY BLK



TE Part # 1-1897725-3
MT-2 SLD 10 CAP HSG GRY



TE Part # 1-284716-3
6 POS REC. CONNECTOR FOR MTII



TE Part # 1379208-3
26W ASSY RECEPTACLE HSG



TE Part # 2-1897726-3
MT-2 SLD 10 PLUG ASSY GRY



TE Part # 2299987-1
65W PLUG ASSEMBLY



TE Part # 2299987-3
65W PLUG ASSEMBLY



TE Part # 2299987-4
65W PLUG ASSEMBLY



TE Part # 1-284716-1
6 POS REC. CONNECTOR FOR EGR V


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



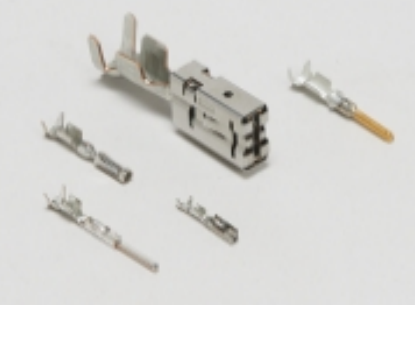
Automotive Connector Caps & Covers (12)



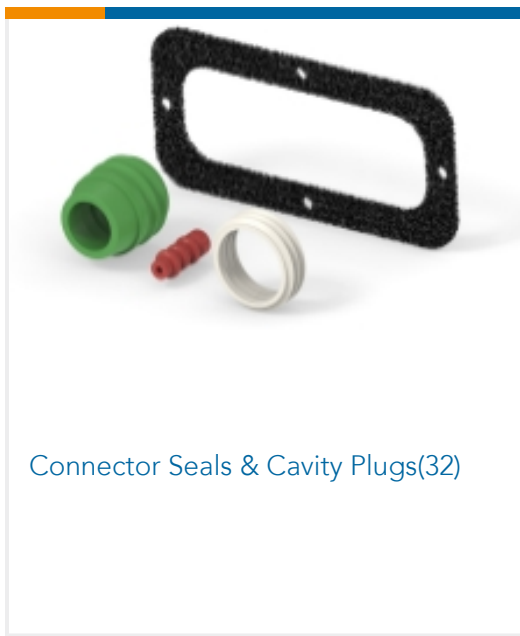
Automotive Connector Locks & Position Assurance(17)



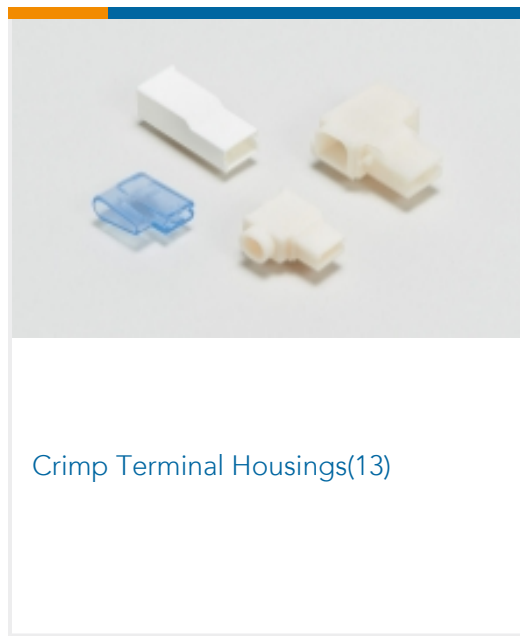
Automotive Housings(237)



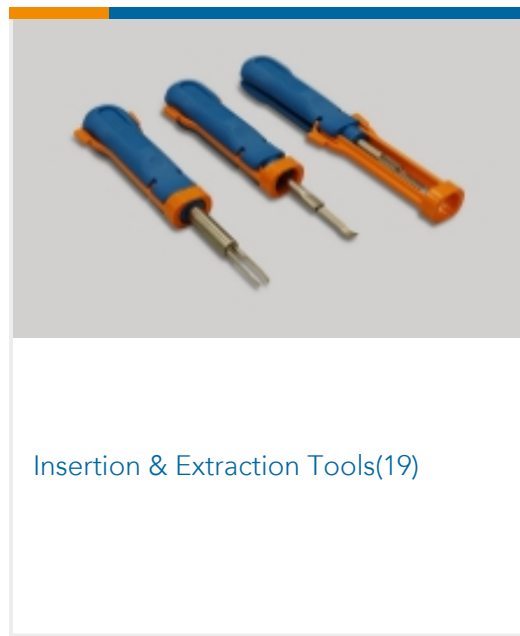
Automotive Terminals(145)



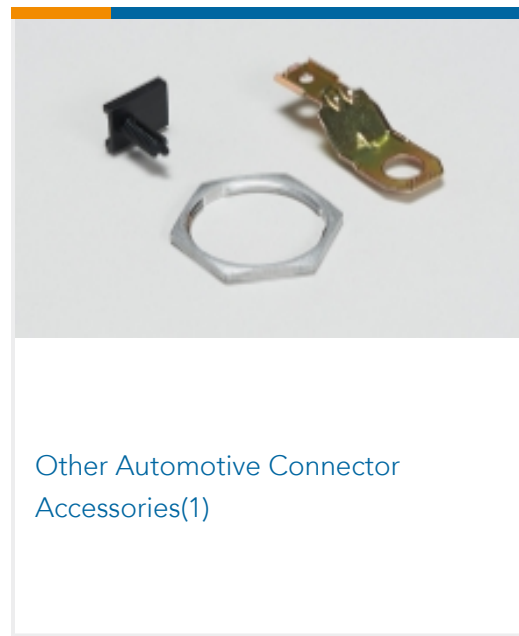
Connector Seals & Cavity Plugs(32)



Crimp Terminal Housings(13)



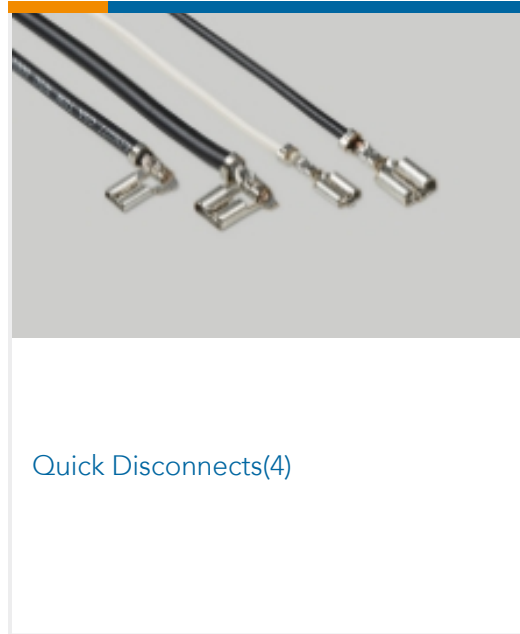
Insertion & Extraction Tools(19)



Other Automotive Connector Accessories(1)



PCB Headers & Receptacles(82)



Quick Disconnects(4)

Customers Also Bought



TE Part #964972-1
EINZELLEITERDICHTNG



TE Part #964971-1
EINZELLEITERDICHTNG



TE Part #1241380-3
AMP MCP, RECEPTACLE AND TAB



TE Part #964274-2
TIMER, RECEPTACLE AND TAB



TE Part #11100565-00
20 BAR, 3/8-24UNF Male, 0.5-4.5V,
Packar



TE Part #828904-1
SINGLE WIRE SEAL FOR J.P.T.CON



TE Part #2-1803514-4
ANVIL, COMBINATION



TE Part #653598-5
DRAHTCRIMPER-KP

Documents

Product Drawings

[EINZELLEITERDICHTNG](#)

English

[EINZELLEITERDICHTNG](#)

English

CAD Files

[3D PDF](#)



3D

Customer View Model

[ENG_CVM_CVM_963530-1_B.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_963530-1_B.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_963530-1_B.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages

[HDSCS CAN Bus Y-Connector and 120 Resistor Brochure](#)

English

[HDSCS Catalog](#)

English

[CONNECTOR SELECTOR](#)

English

Product Specifications

[Application Specification](#)

English

[Application Specification](#)

English

[APPLICATION SPECIFICATION FOR: \(Specifica di applicazione per:\) MICRO-TIMER 2 CONTACT WITH RUBBER SEAL](#)

English

Instruction Sheets

[Instruction Sheet \(non U.S.\)](#)

French

[Instruction Sheet \(non U.S.\)](#)

French