



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
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Primary Product Color	Gray
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**Dimensions**

Cavity Diameter	3.6 mm [.142 in]
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Compatible Insulation Diameter Range	1.9 mm [.074 in]
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**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]
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Operating Temperature Range	-40 – 130 °C[-40 – 266 °F]
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**Industry Standards**

UL Flammability Rating	None
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**Other**

Resistance to Hydrocarbons	Poor
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Shore A Hardness	50
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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 GRV



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 GRV



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 EGRV

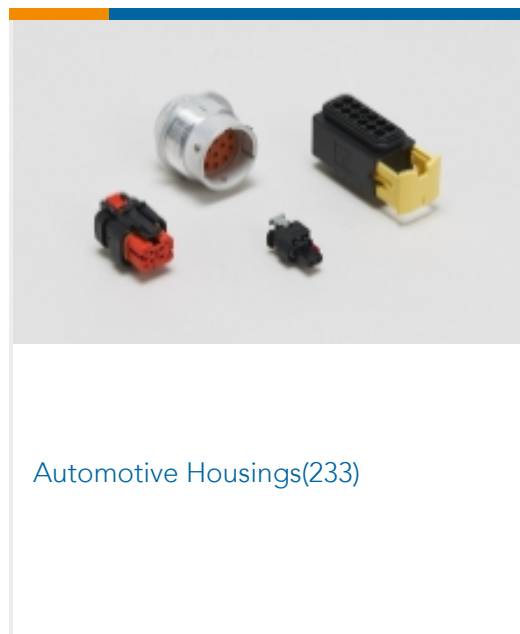
Also in the Series | **Timer Connector System**



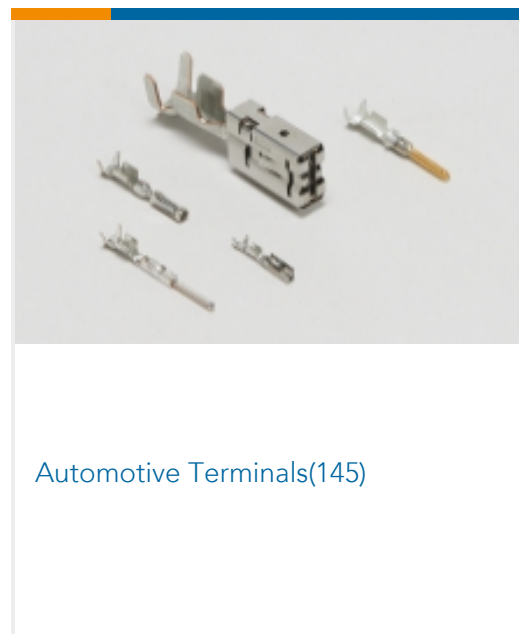
Automotive Connector Caps & Covers (12)



Automotive Connector Locks & Position Assurance(17)

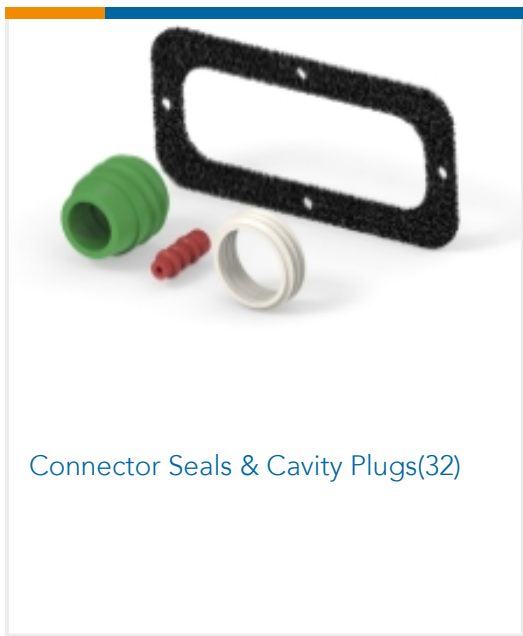


Automotive Housings(233)

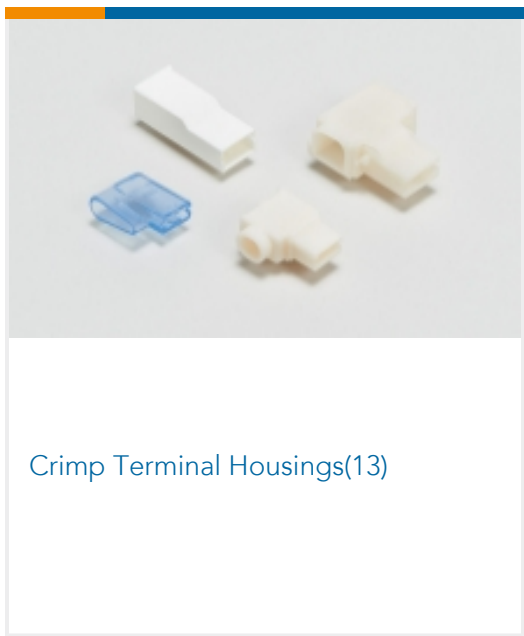


Automotive Terminals(145)

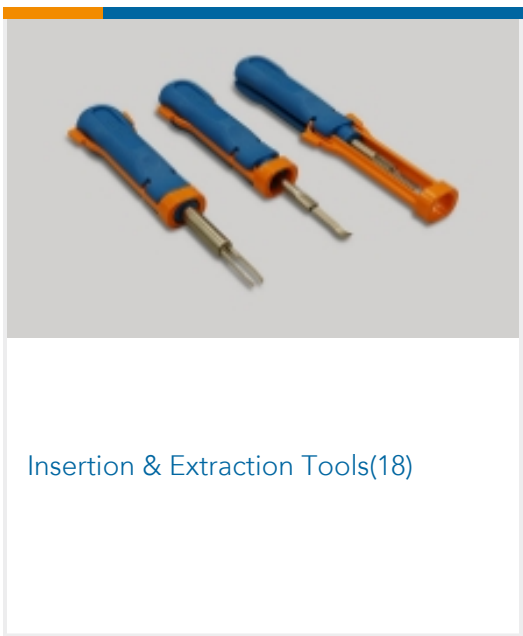




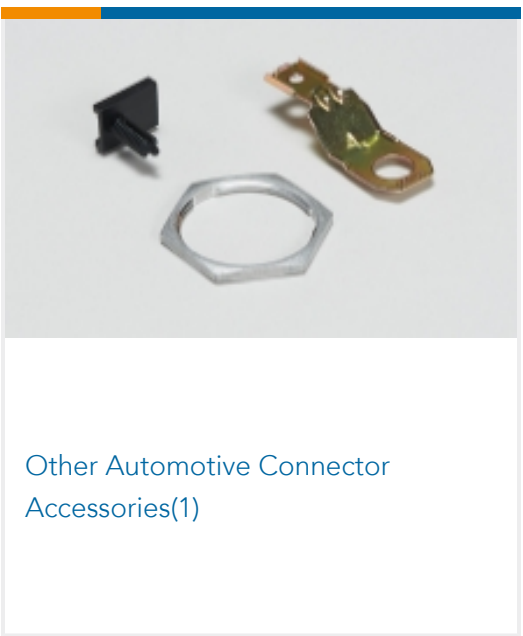
Connector Seals & Cavity Plugs(32)



Crimp Terminal Housings(13)



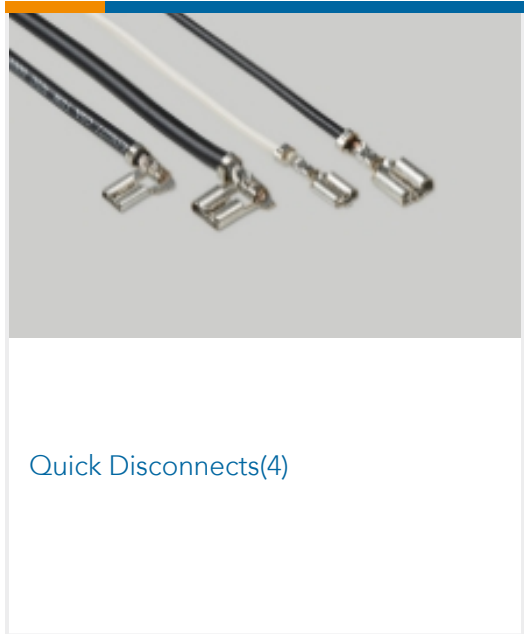
Insertion & Extraction Tools(18)



Other Automotive Connector Accessories(1)



PCB Headers & Receptacles(82)



Quick Disconnects(4)

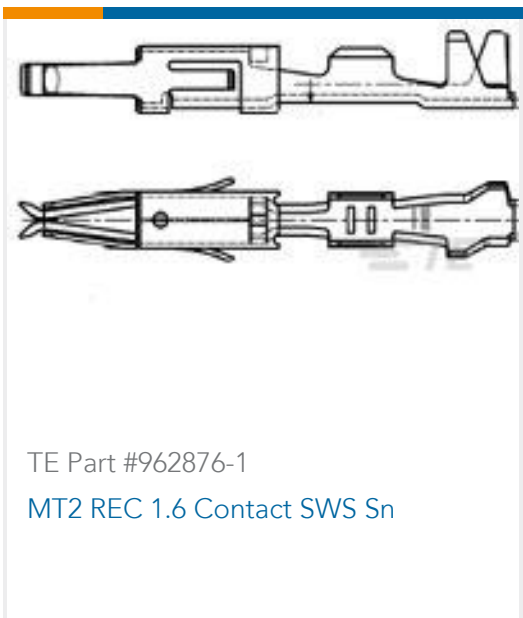
## Customers Also Bought



TE Part #1-1418479-1  
8POS,AMP MCP1.5K,REC. HSG,CODA



TE Part #964972-1  
EINZELLEITERDICHTNG



TE Part #962876-1  
MT2 REC 1.6 Contact SWS Sn



TE Part #1241380-3  
AMP MCP 1.5K, CONTACT, SWS



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



TE Part #1-1393303-0  
V23134B0053G242-EV-CBOX



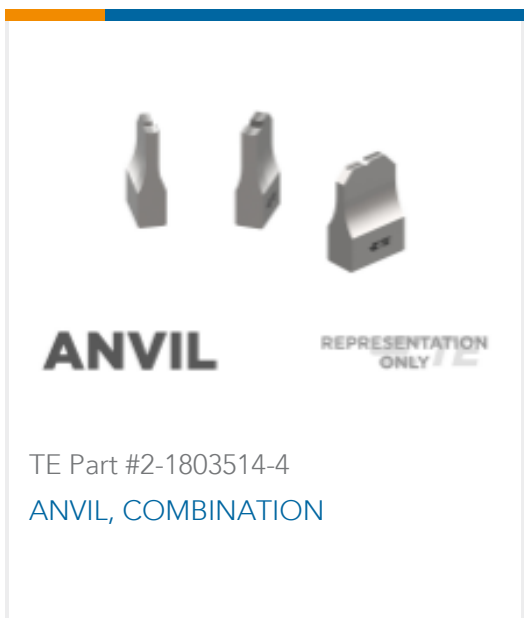
TE Part #2035334-7  
Contact, female0.64 ,0.13sqmm,



TE Part #2266977-2  
OCEAN\_2.0\_APPLICATOR-S-110F



TE Part #2328919-2  
3POS,MCON 1.2,REC HSG ASSY,SLD



TE Part #2-1803514-4  
ANVIL, COMBINATION

## Documents



### Product Drawings

#### [EINZELLEITERDICHTUNG](#)

English

#### [EINZELLEITERDICHTUNG](#)

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