

963530-1 ✓ ACTIVE

AMP | Timer Connector System

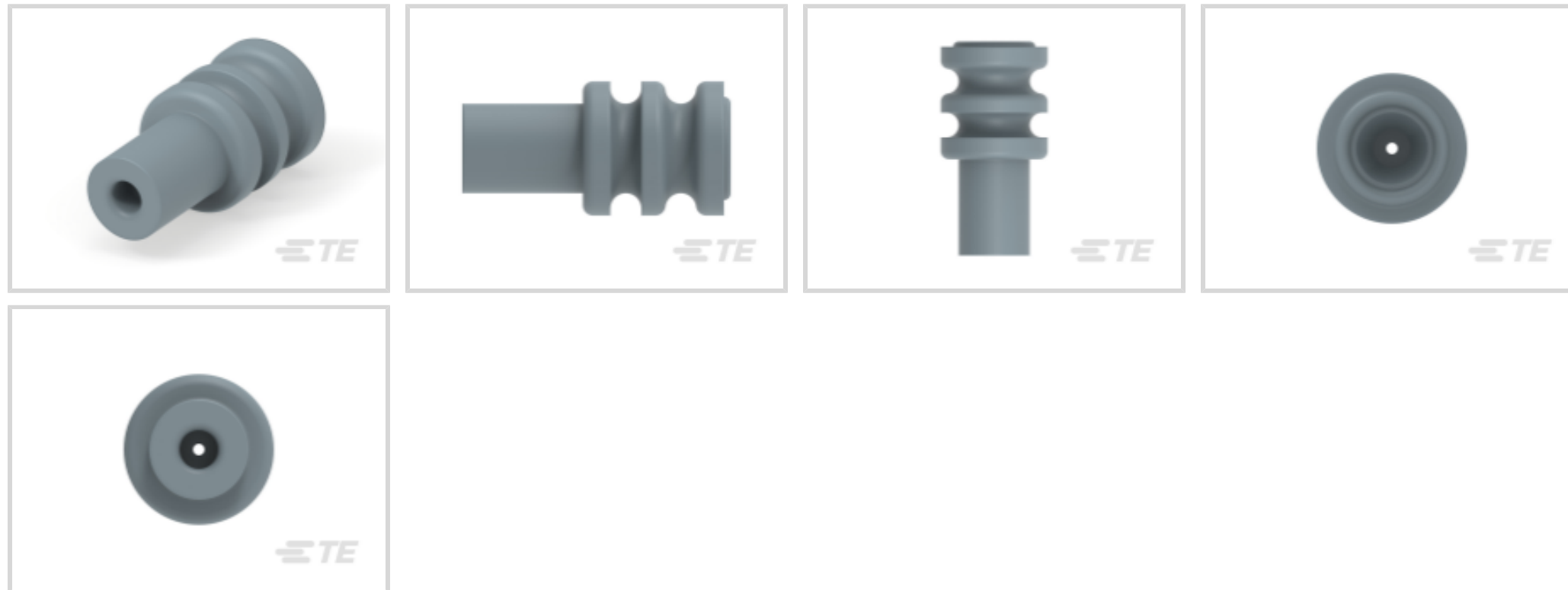
TE Internal #: 963530-1

Single Wire Seal (SWS), 3.6 mm [.142 in] Cavity Diameter, -40 – 130 °C [-40 – 266 °F], Gray, Silicone, Timer Connector System

[View on TE.com >](#)



Connectors > Connector Accessories > Connector Seals & Cavity Plugs > Low Power Terminals Single Wire Seals 1.2mm-2.8mm



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

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

Operating Temperature Range: **-40 – 130 °C [-40 – 266 °F]**

Primary Product Color: **Gray**

Primary Product Material: **Silicone**

[All Low Power Terminals Single Wire Seals 1.2mm-2.8mm \(5\)](#)

Features

Product Type Features

Connector Seal & Plug Type	Single Wire Seal (SWS)
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Body Features

Primary Product Color	Gray
Primary Product Material	Silicone

Dimensions

Cavity Diameter	3.6 mm[.142 in]
Compatible Insulation Diameter Range	1.9 mm[.074 in]

Usage Conditions

Operating Temperature Range	-40 – 130 °C[-40 – 266 °F]
Operating Temperature (Max)	130 °C[266 °F]

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: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) 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-L489-CH8172
LEAVYSEAL Connector Housings



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



TE Part # 2395043-1
POSITION SENSOR -ELECTRONICS COMPLETE



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



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



TE Part # 1241381-3
AMP MCP 1.5K, CONTACT, SWS, (LP)



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



TE Part # 1379208-3
26W ASSY RECEPTACLE HSG



TE Part # 1746894-5
MT2 RD SEAL 2POSN PLUG HSG ASSY



TE Part # 1-284716-2
6 POS REC. CONNECTOR FOR EGAS



TE Part # 1-284716-7
6 POS REC. CONNECTOR FOR MTII



TE Part # 2342883-1
POSITION SENSOR -ELECTRONICS COMPLETE



TE Part # 2299987-3
65W PLUG ASSEMBLY



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



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



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

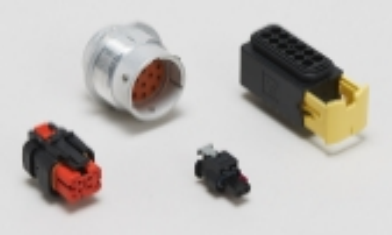
Also in the Series | **Timer Connector System**




Automotive Connector Caps & Covers (12)



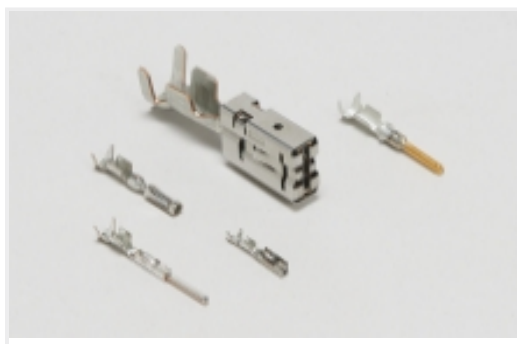
Automotive Connector Locks & Position Assurance(15)



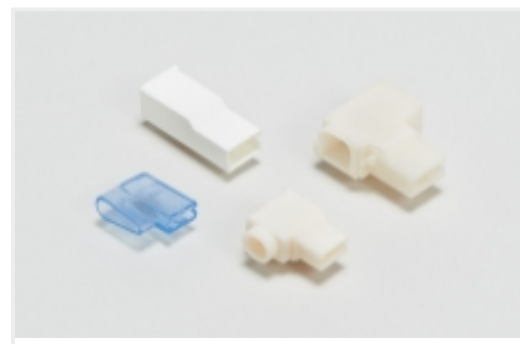
Automotive Housings(188)



Automotive Seals & Cavity Plugs(32)



Automotive Terminals(110)



Crimp Terminal Housings(13)

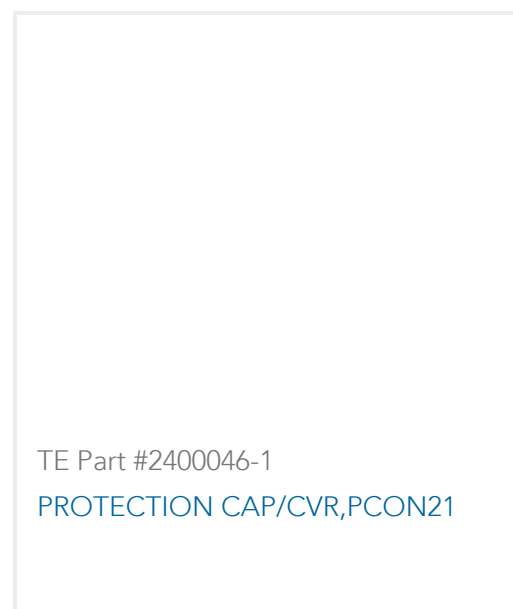


Other Automotive Connector Accessories(1)



Quick Disconnects(4)

Customers Also Bought

TE Part #828904-1
SINGLE WIRE SEAL FOR J.P.T.CONTE Part #CAT-T4827-T273
TIMER, RECEPTACLE AND TABTE Part #964971-1
EINZELLEITERDICHTNGTE Part #964972-1
EINZELLEITERDICHTNGTE Part #CAT-AM705-T273
AMP MCP, RECEPTACLE AND TABTE Part #1-1563759-1
18POS,AMP MCP1.5K,REC HSG,ASSYTE Part #2400046-1
PROTECTION CAP/CVR,P CON21

Documents

Product Drawings

[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

[Application Specification](#)

English

Instruction Sheets

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

French

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

French