



AMP | Junior Power Timer

TE Internal #: 963293-1

Single Wire Seal (SWS), Silicone, Brown, 5.2 mm [.205 in] Cavity Diameter, .079 – .106 in [2 – 2.7 mm] Insulation Diameter, Junior Power Timer

[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: **Brown**

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

Compatible Insulation Diameter Range: **2 – 2.7 mm [.079 – .106 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	Brown

Dimensions

Cavity Diameter	5.2 mm [.205 in]
Compatible Insulation Diameter Range	2 – 2.7 mm [.079 – .106 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-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 # 1-368376-1
81P REC HSG ASSY(SIEMENS)BLK-B



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



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



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



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

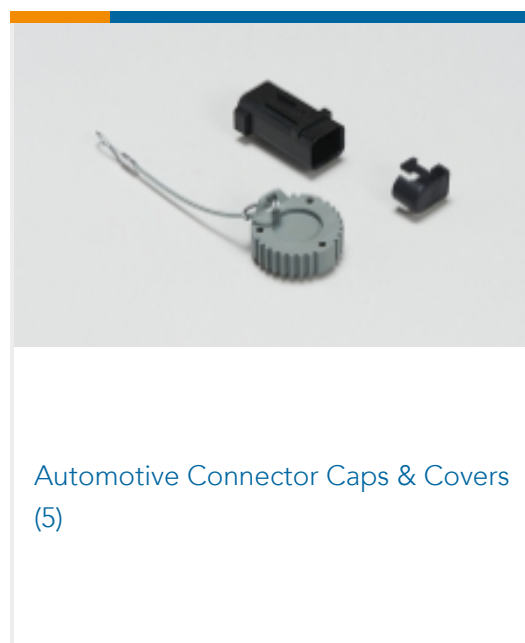


TE Part # 6-964296-6
TAB A 2.8x0.8 CONTACT SRC

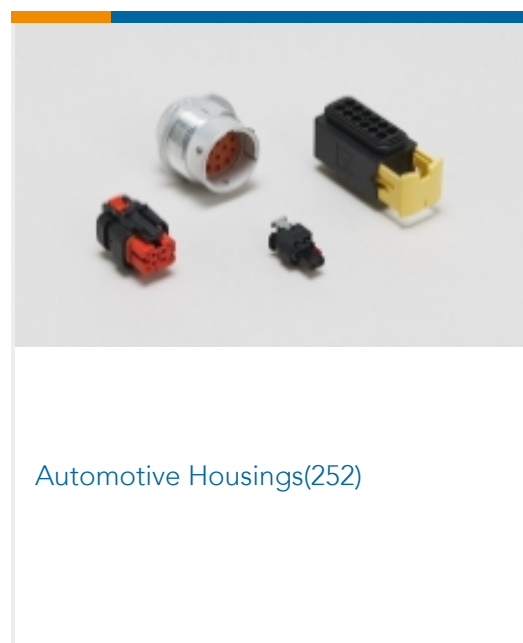


TE Part # 6-964302-6
TAB A 2.8x0.8 CONTACT SWS

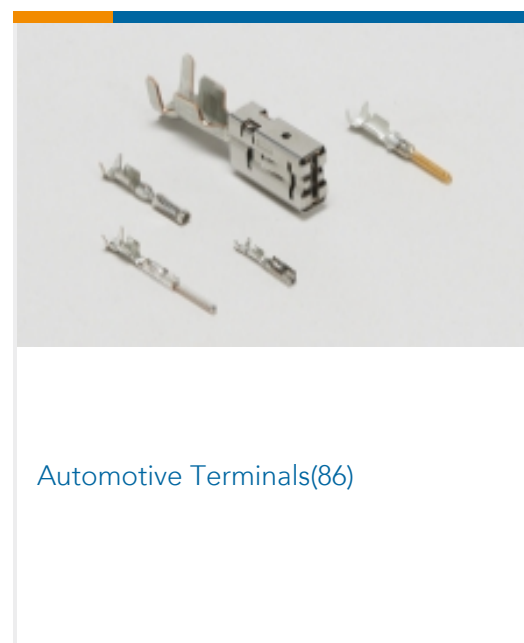
Also in the Series | Junior Power Timer



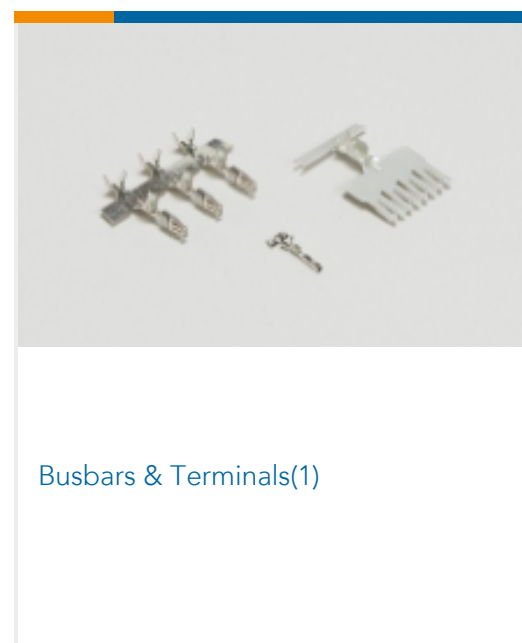
Automotive Connector Caps & Covers (5)



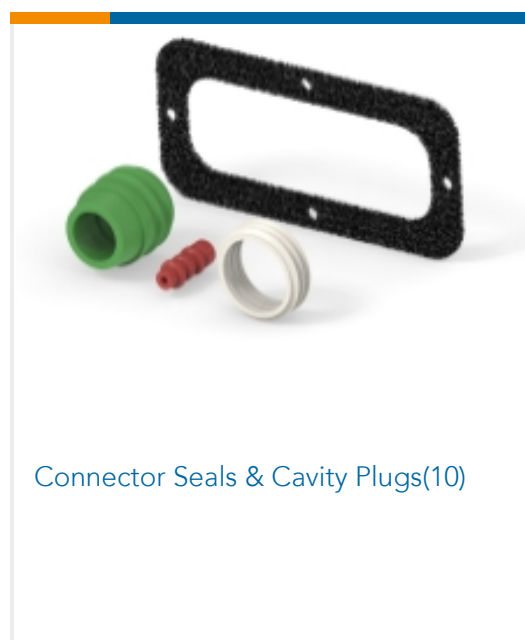
Automotive Housings(252)



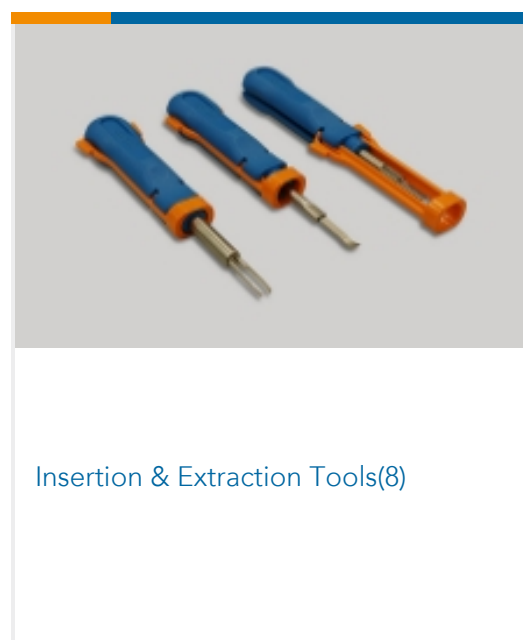
Automotive Terminals(86)



Busbars & Terminals(1)



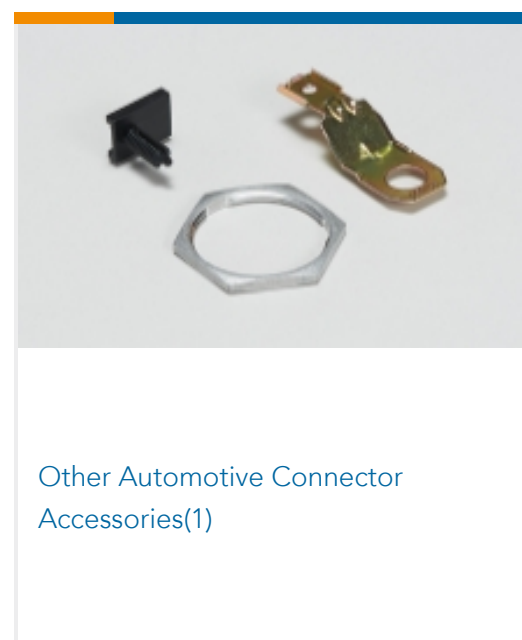
Connector Seals & Cavity Plugs(10)



Insertion & Extraction Tools(8)



Module Components(6)



Other Automotive Connector Accessories(1)

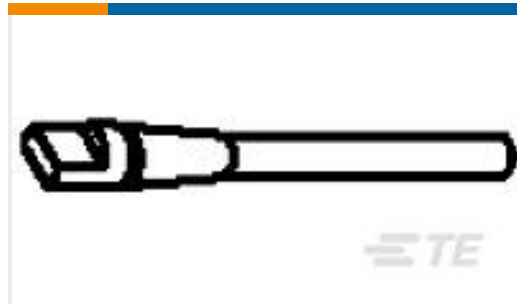


PCB Headers & Receptacles(1)

Customers Also Bought



TE Part #770044-1
15P UMNL II PLUG REAR 94VO



TE Part #936054-1
CAVITY PLUG(ECU 40P&81P ASSY)



TE Part #7-1879135-7
RN 0603 7R32 0.1% 10PPM 5K RL



TE Part #2-964302-1
TIMER, RECEPTACLE AND TAB



TE Part #1-2203773-1
4POS, MCON 1.2 CB REC 1p TL SEALED



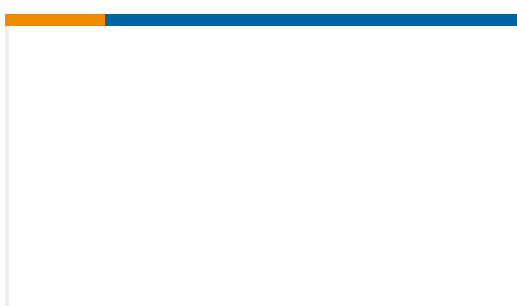
TE Part #2133662-1
REC CONN CVR ASSY,64POS,MQS



TE Part #444156-4
.250 FASTON REC.



TE Part #829131P014
ES2000-NO.1-C1-0-65MM



TE Part #638174-4
CAT 1 MALE TERMINAL W-T-W

Documents

Product Drawings

[SEALING F JPT+2,8](#)

English

CAD Files

Customer View Model

[ENG_CVM_963293-1_G1.3d_igs.zip](#)

English

Customer View Model



[ENG_CVM_963293-1_G1.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_963293-1_G1.2d_dxf.zip](#)

English

3D PDF

3D

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

Product Specifications

Product Specification

Japanese

Product Specification

English

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