



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-M8793-CH8172  
MQS, CONNECTOR HOUSING



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



TE Part # CAT-T4827-CH8172  
Timer Connector Housing



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




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

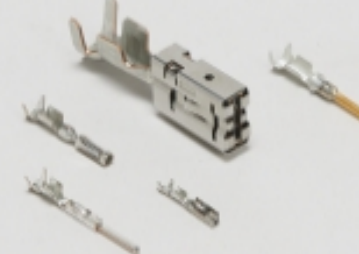
Also in the Series | Junior Power Timer




Automotive Connector Caps & Covers (5)




Automotive Housings(252)




Automotive Terminals(86)



Busbars & Terminals(1)




Connector Seals & Cavity Plugs(10)



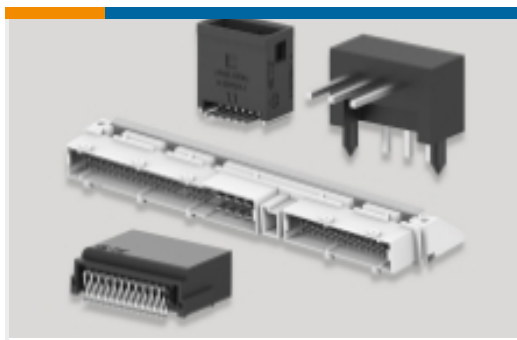
Insertion & Extraction Tools(8)



Module Components(6)



Other Automotive Connector Accessories(1)

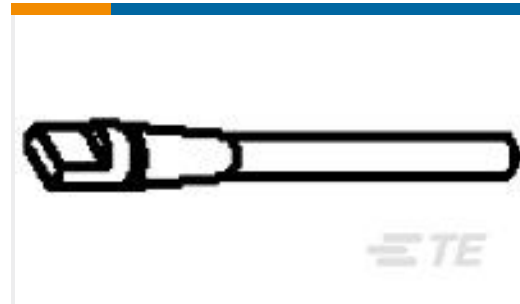


PCB Headers & Receptacles(1)

## Customers Also Bought



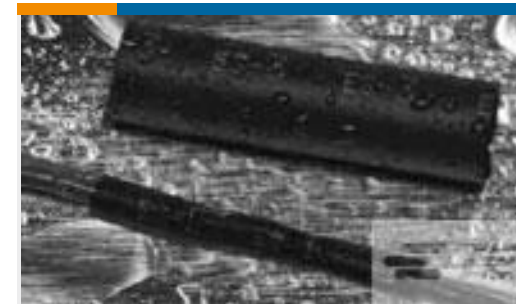
TE Part #828922-1  
2,5MM CAVITY PLUG FOR 5,4MM DI



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



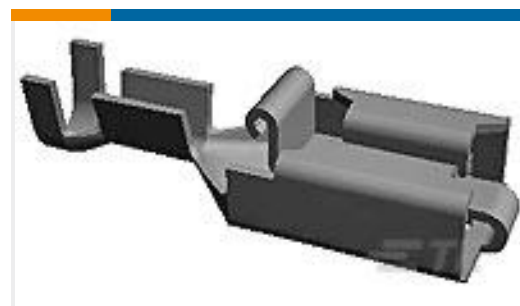
TE Part #2-964302-1  
TAB A 2.8x0.8 CONTACT CF SWS Sn



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



TE Part #NB3390-000  
DWP-125-1/4-0-COIL



TE Part #928960-7  
PL 250 REC TERMINAL 11-10 AWG  
PTPB



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



TE Part #6-1879221-7  
CPF 0603 7R32 0.1% 25PPM 1K RL



TE Part #1062-12-0244  
SOC, SF, SIZE 12, 10, AU/SN



TE Part #2-336362-2  
MIRAGE CONNECTOR

## 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.

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### 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

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### Instruction Sheets

**Instruction Sheet (non U.S.)**

English

**Instruction Sheet (non U.S.)**

Japanese