



AMP | Junior Power Timer

TE Internal #: 828904-2

Single Wire Seal (SWS), Silicone, Blue, 5.2 mm [.205 in] Cavity Diameter, .047 – .083 in [1.2 – 2.1 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: **Blue**

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

Compatible Insulation Diameter Range: **1.2 – 2.1 mm [.047 – .083 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	Blue

**Dimensions**

Cavity Diameter	5.2 mm [.205 in]
Compatible Insulation Diameter Range	1.2 – 2.1 mm [.047 – .083 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-M9194-CH8172  
MULTILOCK, CONNECTOR HOUSING



TE Part # CAT-T4827-CH8172  
Timer Connector Housing



TE Part # 58606-1  
PROCRIMP 1.5 & 2.5MM PIN/SEAL



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




TE Part # CAT-AM706-T273  
AMP MCP, SFC, RECEPTACLE



TE Part # CAT-M4595-T273  
MCON Receptacle and Tab



TE Part # CAT-M8793-CH8172  
MQS, CONNECTOR HOUSING



TE Part # 1480968-1  
ASSY 4 POSN. 2.8MM REC.



TE Part # 1480971-1  
ASSY 6 POSN. 2.8MM REC.



TE Part # 1599099-1  
HSG ASSY 2 POSN, 2.8mm REC



TE Part # 2050049-2  
3POS 2.8MM SENSOR PLUG ASSY



TE Part # 2050052-2  
4POS 2.8MM SENSOR PLUG ASSY.



TE Part # 2301461-2  
30POS, HYBRID, TAB HSG ASSY, SLD, COD B



TE Part # 936462-1  
2.8MM SLD 2P CAP HSG NAT



TE Part # 1897017-3  
2.8MM SLD 2P PLUG ASSY (INJ CONN'R)



TE Part # 1-2005388-3  
JPT SLD 2P PLUG ASSY-2 GRY




TE Part # 368000-2  
J-P-T 3P ASS'Y FOR CPS SENSOR




TE Part # 1-85205-1  
J-P-T 3P ASS'Y (DAEWOO)-GREEN


Also in the Series | Junior Power Timer




Automotive Connector Caps & Covers (5)



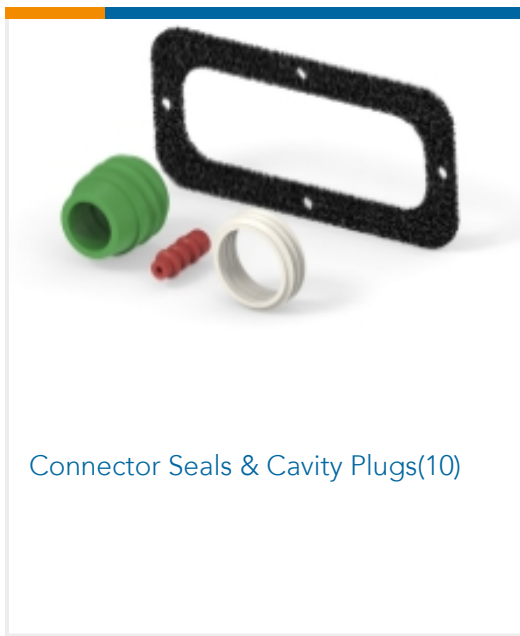
Automotive Housings (252)



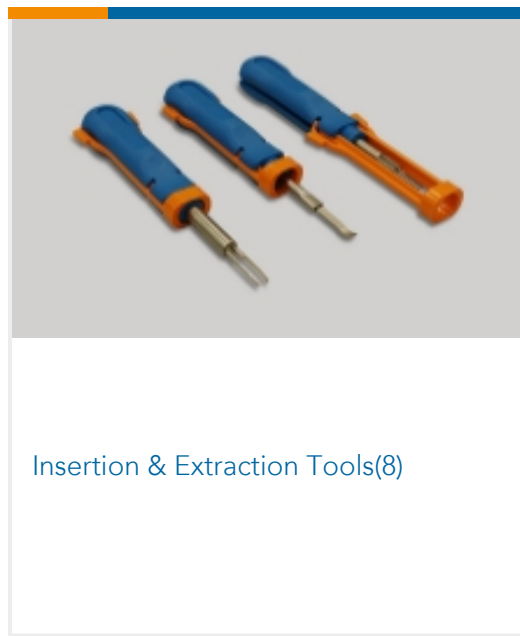
Automotive Terminals (86)



Busbars & Terminals (1)



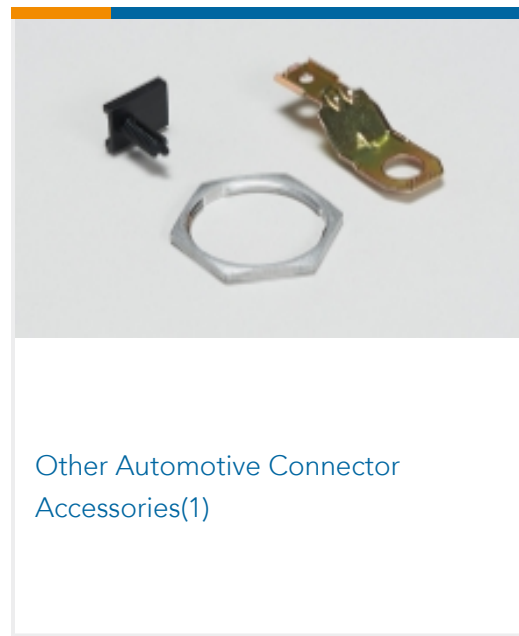
Connector Seals & Cavity Plugs(10)



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 #828905-1  
SINGLE-WIRE-SEAL(5MM HOLE)



TE Part #87133-2  
10 LOCKING CLIP HSG DR .100CL



TE Part #1-968857-1  
AMP MCP 2.8, CONTACT SWS



TE Part #5672696010  
TSAS-NR502-X-10MM



TE Part #K1022847  
Relay 26-55-02



TE Part #K1013153  
Relay 26-60-21



TE Part #3-1803055-0  
ANVIL, COMBINATION



TE Part #5-1490019-4  
CRIMPER, WIRE



TE Part #7-2151591-7  
OCEAN\_2.0\_SPARE\_PART\_KIT-063F075F

## Documents



### Product Drawings

#### SINGLE WIRE SEAL FOR J.P.T.CON

English

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### CAD Files

#### Customer View Model

[ENG\\_CVM\\_CVM\\_828904-2\\_M.2d\\_dxf.zip](#)

English

#### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_828904-2\\_M.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_828904-2\\_M.3d\\_stp.zip](#)

English

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### Datasheets & Catalog Pages

#### MCON Interconnection System

English

#### HDSCS Catalog

English

#### CONNECTOR SELECTOR

English