963293-1 ✔ ACTIVE

AMP | Junior Power Timer

TE Internal #: 963293-1

Single Wire Seal (SWS), 5.2 mm [.205 in] Cavity Diameter, -40 – 130 °C [-40 – 266 °F], Brown, Silicone, Junior Power Timer

View on TE.com >

Connectors > Connector Accessories > Connector Seals & Cavity Plugs



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

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

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

Primary Product Color: **Brown**

Primary Product Material: **Silicone**

Features

Product Type Features

Connector Seal & Plug Type	Single Wire Seal (SWS)

Body Features

Primary Product Color	Brown
Primary Product Material	Silicone

Dimensions

Wire Size	15 AWG, 20 – 17 AWG
Cavity Diameter	5.2 mm[.205 in]
Compatible Insulation Diameter Range	2 – 2.7 mm[.079 – .106 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

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 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 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-AM705-T273
AMP MCP, RECEPTACLE AND TAB



TE Part # CAT-N10-RC4828
48V Ready 2.8mm Sealed Connectors



TE Part # 1-368376-1
81P REC HSG ASSY()BLK-B



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



TE Part # 964287-2
JPT A REC 2.8 Contact SWS Sn (LP)



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



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



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



TE Part # 3-2109313-2
060/110 HYB 8P SLD PLUG ASSY D



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



TE Part # CAT-T4827-T273
TIMER, RECEPTACLE AND TAB



TE Part # 2138314-1
36P SEALED HYBRID (32X 1.2, 4X



TE Part # CAT-NB3-MRC48
48V Ready Mixed (Signal and Power) Connectors



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



TE Part # 1703661-1
6POS, MIXED,REC HSG,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 # CAT-T4827-CH8172
Timer Connector Housing

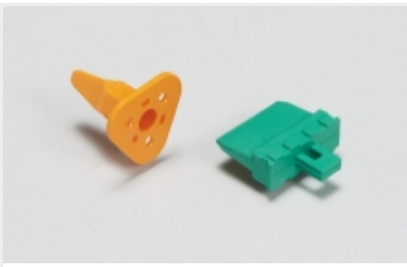


TE Part # 1241872-6
JPT A REC 2.8 Contact SWS Ag

Also in the Series | Junior Power Timer



Automotive Connector Caps & Covers (12)



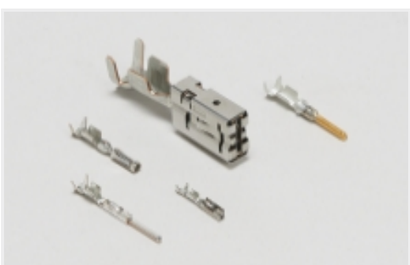
Automotive Connector Locks & Position Assurance(8)



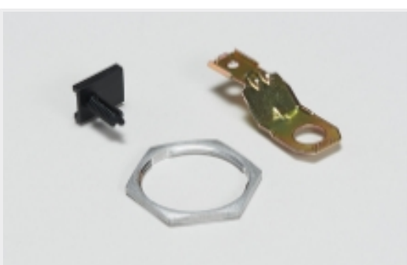
Automotive Housings(279)



Automotive Seals & Cavity Plugs(8)



Automotive Terminals(150)



Other Automotive Connector Accessories(3)



Special Purpose Terminals(2)

Customers Also Bought



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



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



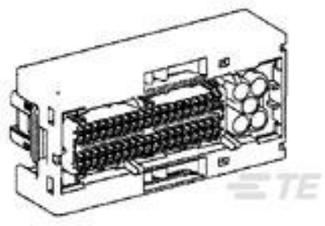
TE Part #936054-1
CAVITY PLUG(ECU 40P&81P ASSY)



TE Part #CAT-T4827-T273
TIMER, RECEPTACLE AND TAB



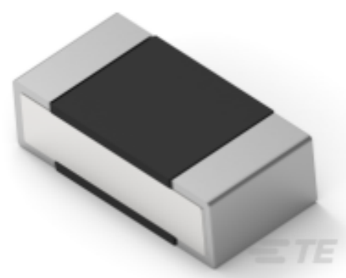
TE Part #5-968221-1
MQS0,63 Sn rec CB unseal. 0,5-0,75



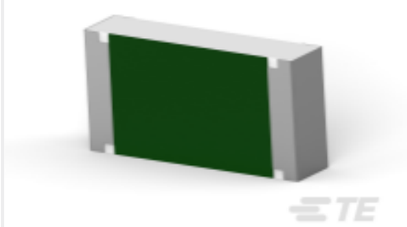
TE Part #1473244-1
MQS REC 81P ASSY



TE Part #1745078-1
AMP MCP 2.8K - REC. HOUSING



TE Part #1-2176312-8
RP 1E 0.1W 18K7 0.1% 25PPM 1K RL



TE Part #7-2176398-4
3502 1R8 5%

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

English

Product Specification

Japanese

Product Specification

English

MQS CLEAN BODY PLUG ASSY 81P & 40P

Japanese

Product Specification

Japanese

Product Specification

English

Instruction Sheets

Instruction Sheet (non U.S.)

English

Instruction Sheet (non U.S.)

Japanese