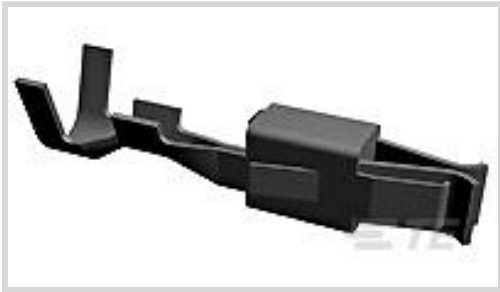




Automotive Parts > Automotive Terminals > TIMER, RECEPTACLE AND TAB



Terminal Type: **Receptacle**

Wire Size: **17 – 13 AWG**

Mating Tab Width: **2.8 mm [.11 in]**

Interface Plating: **Tin (Sn)**

[All TIMER, RECEPTACLE AND TAB \(280\)](#)

Features

Product Type Features

Receptacle Style	180°
Primary Locking Feature	Integrated in Housing
Sealable	Yes

Body Features

Terminal Seal Type	Single Wire Seal (SWS)
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Contact Features

Typical Current Rating	30 A
Crimp Type	F-Crimp
Contact Size	2.8mm
Contact Fabrication	Stamped & Formed
Wire Contact Termination Area Plating Material	Tin
Terminal Type	Receptacle
Mating Tab Width	2.8 mm[.11 in]
Interface Plating	Tin (Sn)
Mating Tab Thickness	.8 mm[.031 in]

Termination Features

Termination Method to Wire & Cable	Crimp
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Product Terminates To	Wire & Cable
Dimensions	
Compatible Insulation Diameter Range	2.7 – 3 mm[.1 – .11 in]
Wire Size	17 – 13 AWG
Wire Size Search	1 mm ² , 2 mm ² , 2.5 mm ²
Tab Length	21 mm[.83 in]
Usage Conditions	
Insulation Option	Uninsulated
Operating Temperature (Max)	130 °C[266 °F]
Operating Temperature Range	-40 – 130 °C[-40 – 266 °F]
Operation/Application	
Compatible With Wire Base Material	Copper
Conforms to Automation Guideline	Yes, KOMAX Guideline for automatic component insertion for electrical connections, Version 5.0 (March 2018)
Industry Standards	
Compatible With Agency/Standards Products	DIN 72 551 Part 6, DIN ISO 6722 part 3
Packaging Features	
Packaging Method	Reel
Packaging Quantity	3700
Other	
Terminal Transmits	25 – 40 A (Power)
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	有害物质含量符合标准要求 No Restricted Substance(s) 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

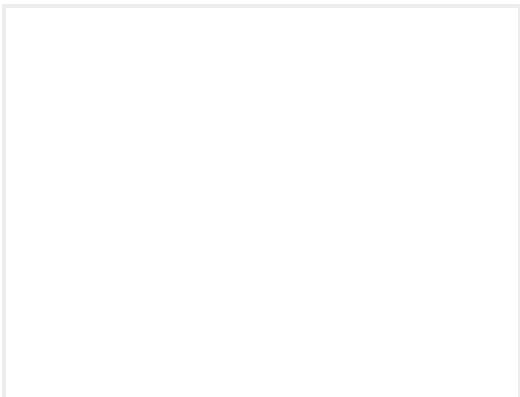
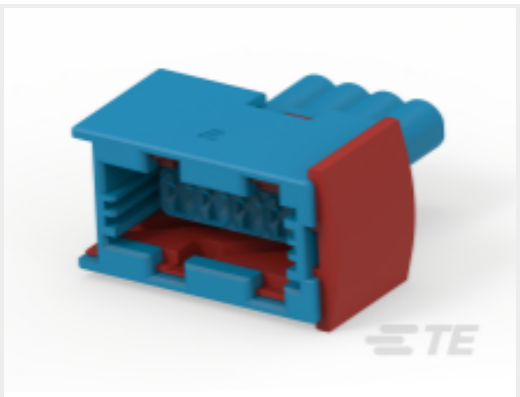
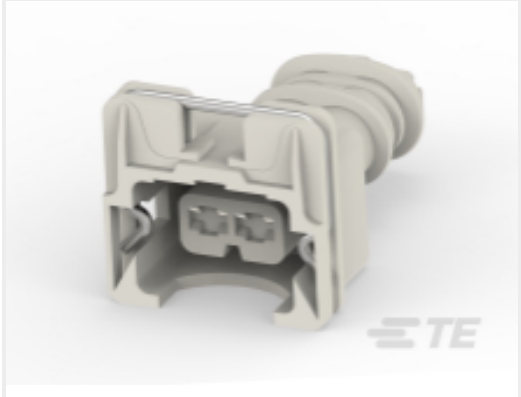
Solder Process Capability

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

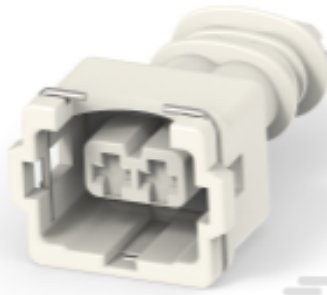
 TE Part # 282800-1 SPLASH PROOF CONN.ASSYJPT3POS	 TE Part # 1-282236-2 6 POS. SPLASH PROOF CONNECTOR ASS'Y	 TE Part # 144998-3 4P JPT CONNECTOR ASSY	 TE Part # CAT-T4827-CH8172 Timer Connector Housing
 TE Part # 2151109-2 OCEAN_2.0_APPLICATOR-S-110F170O-RSA	 TE Part # 2-282682-1 2W.SPLASH PROOF CONN. W. SEC. LOCK	 TE Part # 2137216-2 3P SPLASH PROOF CONNECTOR ASS'	 TE Part # 282729-2 SPLASH PROOF CONN. ASS'Y
 TE Part # 282189-8 SPLASH PROOF CONN. W.S.L.	 TE Part # 282762-3 JPT SPLASH-PROOF FEM.CONN2 POS	 TE Part # 963039-2 15P J-P-TIMER GEH	 KIT TE Part # 7-2151109-7 OCEAN_2.0_SPARE_PART_KIT-110F170D



TE Part # 4-1579007-3
EXTRACTION TOOL KIT



TE Part # 444248-1
ASS'Y 3 POSN JPT RE



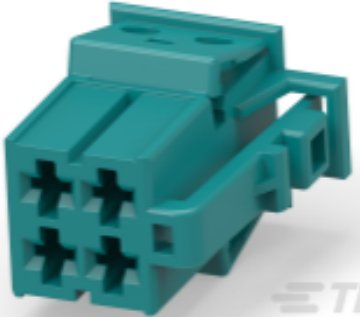
TE Part # 282788-3
SPLASH-PROOF CONN W.S.L. 2P TY



TE Part # 1241180-1
JPT UEBERFEDER



TE Part # 282648-1
SPLASH PROOF CONN. W.S.L.2 WAY



TE Part # 9-1355493-3
AMP MCP2.8 HSG 4POS WATERBLUE



TE Part # 828904-1
SINGLE WIRE SEAL FOR J.P.T.CON



TE Part # 2137216-1
3P SPLASH PROOF CONNECTOR ASS'

Also in the Series | Junior Power Timer



Automotive Connector Locks & Position Assurance(8)



Automotive Housings(279)



Automotive Seals & Cavity Plugs(8)

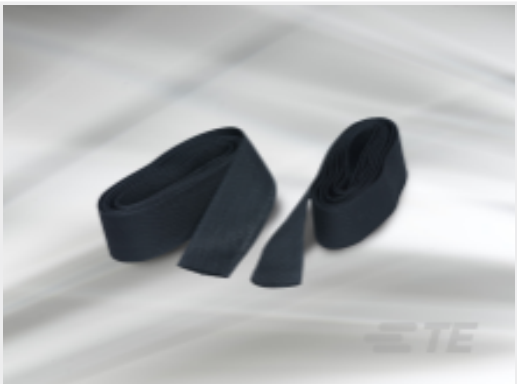


Automotive Signal & Power Connector Housings(275)



Other Automotive Connector Accessories(3)

Customers Also Bought



TE Part #CAT-HST-HFT5000
HFT5000 Heat Shrink Tubing



TE Part #828904-1
SINGLE WIRE SEAL FOR J.P.T.CON



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



TE Part #CAT-T4827-CH8172
Timer Connector Housing



Documents

Product Drawings

JPT REC 2.8 Contact SWS Sn

English

CAD Files

Customer View Model

ENG_CVM_929937-1_A9.3d_igs.zip

English

Customer View Model

ENG_CVM_929937-1_A9.3d_stp.zip

English

3D PDF

English

Customer View Model

ENG_CVM_929937-1_A9.2d_dxf.zip

English

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

Product Specifications

Application Specification

German

Application Specification

English

Application Specification

English

Instruction Sheets

Instruction Sheet (non U.S.)

French