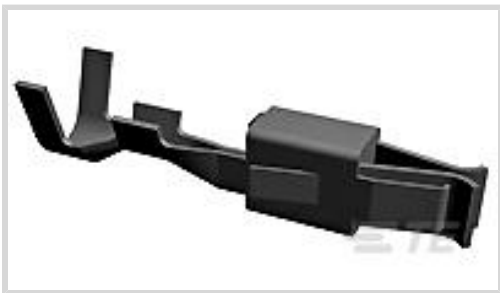




Automotive Parts > Automotive Terminals >

2.8 mm Automation Ready Terminals for Automotive Wire Harness Production and High Performance Automation



Terminal Type: **Receptacle**

Wire Size: **17 – 13 AWG**

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

Interface Plating: **Tin (Sn)**

[All 2.8 mm Automation Ready Terminals for Automotive Wire Harness Production and High Performance Automation \(136\)](#)

Features

Product Type Features

Receptacle Style	180°
Primary Locking Feature	Locking Lance
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)

Termination Features

Termination Method to Wire & Cable	Crimp
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	1.01 mm², 1.3 mm², 1.65 mm², 2.08 mm², 2.63 mm²
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 72036
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Packaging Features

Packaging Method	Reel
Packaging Quantity	3700

Other

Terminal Transmits	25 – 40 A (Power)
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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	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

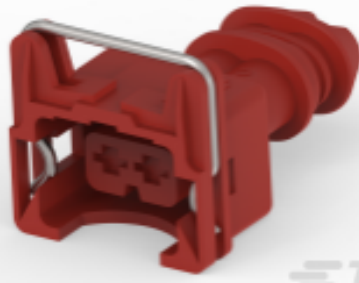
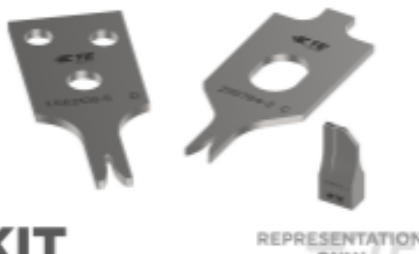
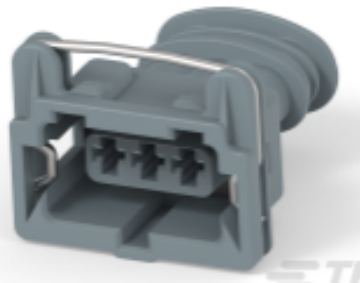
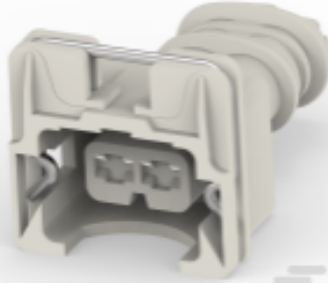
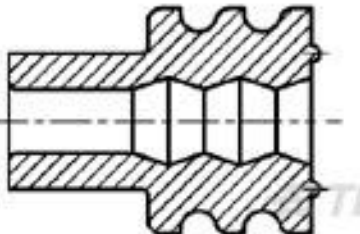
Solder Process Capability

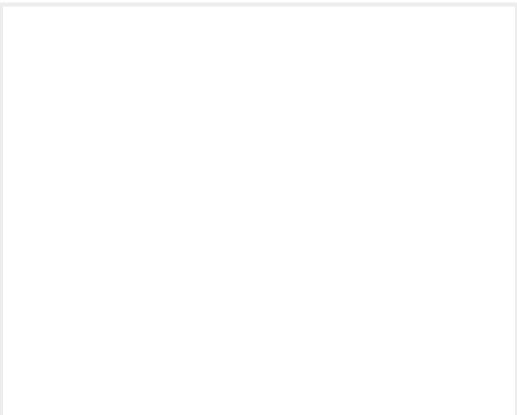
Not applicable for solder process capability

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 # 282189-8 SPLASH PROOF CONN. W.S.L.	 TE Part # 4-1579007-3 EXTRACTION TOOL KIT	 TE Part # 7-2151109-7 OCEAN_2.0_SPARE_PART_KIT-110F170D	 TE Part # 2137216-2 3P SPLASH PROOF CONNECTOR ASS'
 TE Part # 282762-3 JPT SPLASH-PROOF FEM.CONN2 POS	 TE Part # 2151109-1 OCEAN_2.0_APPLICATOR-S-110F170O-RSM	 TE Part # 963292-1 WIRE SEALING 2,2	 TE Part # 1-1579007-6 EXTRACTION TOOL
 TE Part # 2305570-1 Strip Terminal Cutter-Side Feed-No Crimp	 TE Part # CAT-T4827-CH8172 Timer Connector Housing	 TE Part # 2151109-2 OCEAN_2.0_APPLICATOR-S-110F170O-RSA	 TE Part # 444248-1 ASS'Y 3 POSN JPT RE



TE Part # 1241180-1
JPT UEBERFEDER



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



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

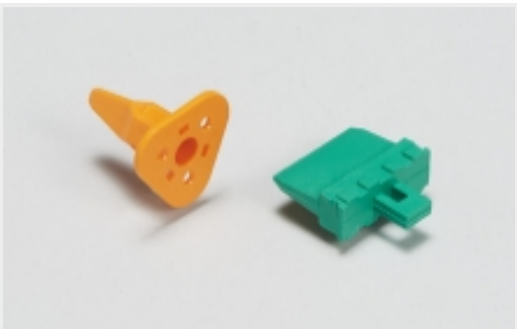


TE Part # 828905-1
SINGLE-WIRE-SEAL(5MM HOLE)



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)



Busbars & Terminals(1)



Connector Seals & Cavity Plugs(8)



Insertion & Extraction Tools(7)



Other Automotive Connector Accessories(3)

Customers Also Bought



TE Part #829131P051
ES2000-NO.1-C1-0-40MM



TE Part #63241-3
FF 110 REC 22-18AWG PTBR



TE Part #282189-1
SPLASH PROOF CONN. W.S.L.



TE Part #638652-1
RECEPT,1.5MM,TIN 14-16AWG RD=1



Documents

Product Drawings

JPT REC 2.8 Contact SWS Sn

English

CAD Files

Customer View Model

ENG_CVM_929937-3_A9.3d_igs.zip

English

Customer View Model

ENG_CVM_929937-3_A9.3d_stp.zip

English

3D PDF

English

Customer View Model

ENG_CVM_929937-3_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