



Terminals & Splices > Automotive Terminals



Terminal Type: **Receptacle**
Mating Tab Width: **2.8 mm** [.11 in]
Mating Tab Thickness: **.8 mm** [.031 in]
Terminal Transmits: **0 – 24 A (Low Power)**
Wire Size: **22 – 17 AWG**

Features

Product Type Features

Receptacle Style	180°
Sealable	Yes
Primary Locking Feature	Locking Lance

Body Features

Terminal Seal Type	Single Wire Seal (SWS)
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Contact Features

Contact Size	2.8mm
Contact Fabrication	Stamped & Formed
Wire Contact Termination Area Plating Material	Tin
Typical Current Rating	5 A
Crimp Type	F-Crimp
Terminal Type	Receptacle
Mating Tab Width	2.8 mm[.11 in]
Mating Tab Thickness	.8 mm[.031 in]
Interface Plating	Tin (Sn)

Termination Features

Termination Method to Wire & Cable	Crimp
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Product Terminates To

Wire

Dimensions

Compatible Insulation Diameter Range	3.4 mm[.134 in]
Wire Size	.35 – 1 mm ²
Wire Size Search	17 AWG, 18 AWG, 19 AWG, 20 AWG, 21 AWG, 22 AWG
Tab Length	21 mm[.826 in]

Usage Conditions

Insulation Option	Uninsulated
Operating Temperature (Max)	100 °C[212 °F]
Operating Temperature Range	-40 – 100 °C[-40 – 212 °F]

Operation/Application

Compatible With Wire Base Material	Copper
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Packaging Features

Packaging Quantity	3500
Packaging Method	Reel

Other

Terminal Transmits	0 – 24 A (Low Power)
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Product Compliance

For compliance documentation, visit the product page on TE.com>

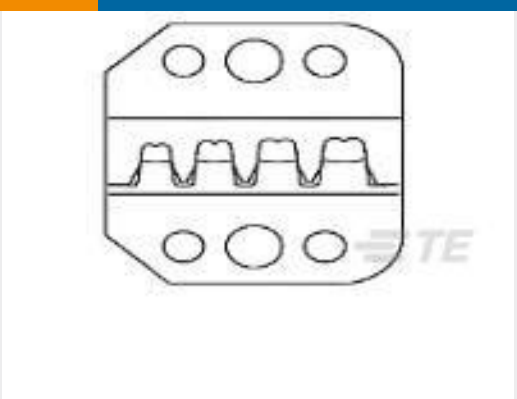
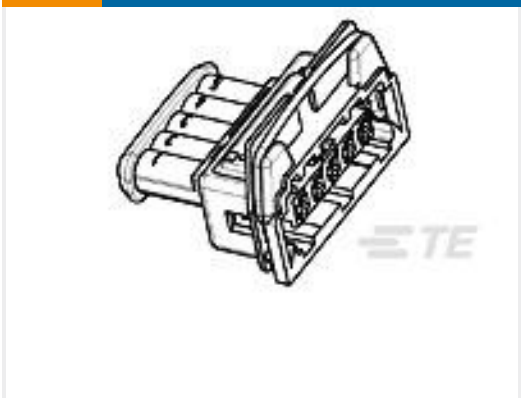
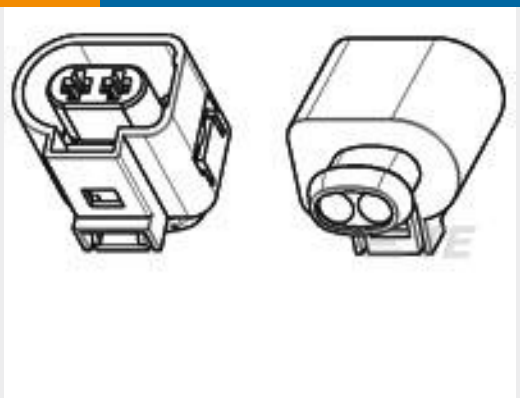
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does 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>

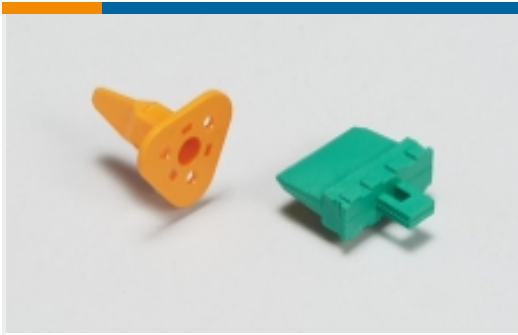
Compatible Parts

 TE Part # CAT-T4827-CH8172 Timer Connector Housing	 TE Part # 4-1579007-3 EXTRACTION TOOL KIT	 TE Part # 1-1579007-6 EXTRACTION TOOL	 TE Part # 828904-1 SINGLE WIRE SEAL FOR J.P.T.CON
 TE Part # 2151257-1 OCEAN_2.0_Applicator-S-070F151O-RSM	 TE Part # 2151257-2 OCEAN_2.0_Applicator-S-070F151O-RSA	 TE Part # 58613-1 PRO-CRIMP TOOL JPT REC	 TE Part # 58613-2 PRO-CRIMP DIE JPT REC
 TE Part # 7-2151257-7 OCEAN_2.0_SPARE_PART_KIT-070F151O	 TE Part # 953310-3 5W JPT/SWS CET CON	 TE Part # 1-967412-5 JPT GEH ASSY 2P	

Also in the Series | Junior Power Timer



Automotive Connector Caps & Covers
(9)



Automotive Connector Locks &
Position Assurance(8)



Automotive Housings(323)



Automotive Terminals(189)



Busbars & Terminals(1)



Connector Seals & Cavity Plugs(9)



Insertion & Extraction Tools(8)



Module Components(1)



Other Automotive Connector
Accessories(2)

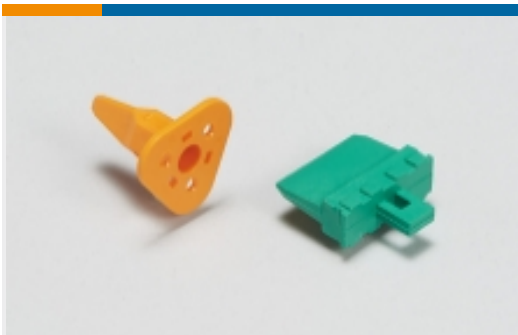


Special Purpose Terminals(2)

Also in the Series | Timer Connector System



Automotive Connector Caps & Covers
(14)



Automotive Connector Locks &
Position Assurance(15)



Automotive Housings(215)



Automotive Terminals(135)



Connector Seals & Cavity Plugs(38)



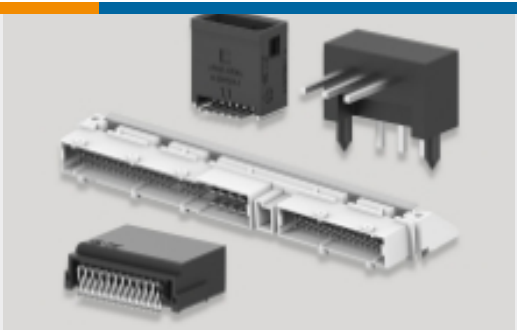
Crimp Terminal Housings(13)



Insertion & Extraction Tools(18)



Other Automotive Connector
Accessories(1)



PCB Headers & Receptacles(40)

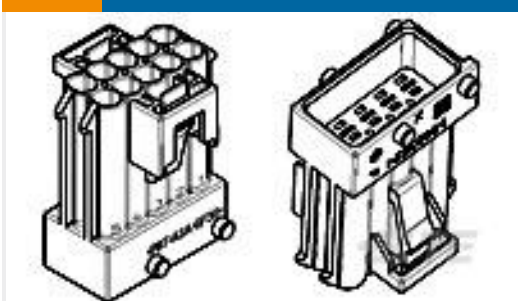


Quick Disconnects(4)

Customers Also Bought



TE Part #160913-4
FF 250 REC 2.5-4.0MM2 TPPB



TE Part #1-962352-1
10P MESSERLEIS-GEH



TE Part #1379659-1
8W PLUG HOUSING ASSY BLAC



TE Part #7798056012
LSTT-9.5-0-50MM



TE Part #0021036033
RBK-ILS-125-NR3-0-25MM



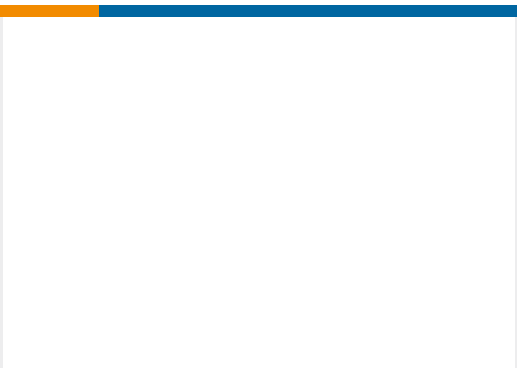
TE Part #6776556004
RPPM-NR510-X-50MM



TE Part #150572-2
MINI FASTON 110 REC 20-16 AWG
TPBR



TE Part #1801433-1
RCPT CONT, 8MM NG1+, MAXIFUSE,
7-10 MM2



TE Part #925014
2 P FF 110(2.8 MM) HOUSING
RECEPTACLE



TE Part #1803515-3
RAM ASSEMBLY, SF ATLANTIC

Documents

Product Drawings

JPT F REC 2.8 Contact SWS Sn

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_185026-1_B.2d_dxf.zip



English

Customer View Model

[ENG_CVM_CVM_185026-1_B.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_185026-1_B.3d_stp.zip](#)

English

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

Product Specifications

[Application Specification](#)

French

Instruction Sheets

[Instruction Sheet \(non U.S.\)](#)

French