



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: **17 – 12 AWG**

Features

Product Type Features

Receptacle Style	180°
Sealable	No
Primary Locking Feature	Locking Lance

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
Product Terminates To	Wire

Dimensions

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Compatible Insulation Diameter Range	3.5 mm[.137 in]
Wire Size	1 – 3 mm ²
Wire Size Search	12 AWG, 13 AWG, 14 AWG, 15 AWG, 16 AWG, 17 AWG

Usage Conditions

Insulation Option	Uninsulated
Operating Temperature (Max)	80 °C, 85 °C, 90 °C, 100 °C[176 °F][185 °F] [194 °F][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	3000
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

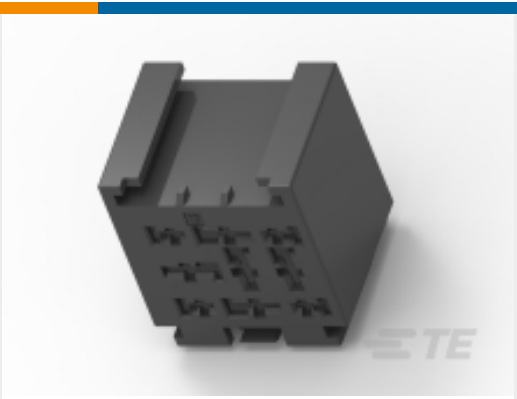
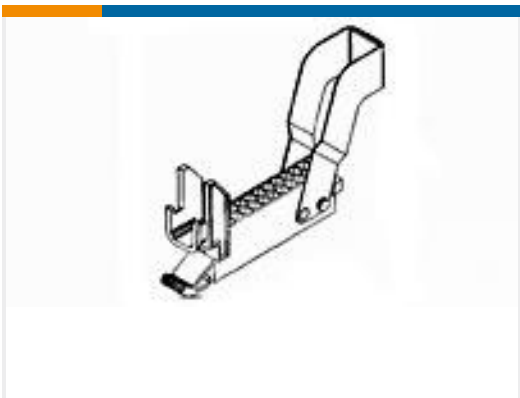
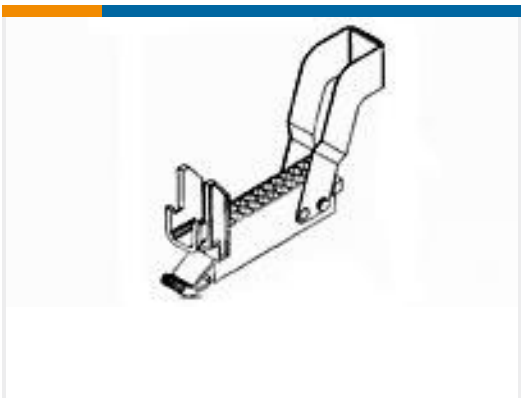
Product Compliance Disclaimer

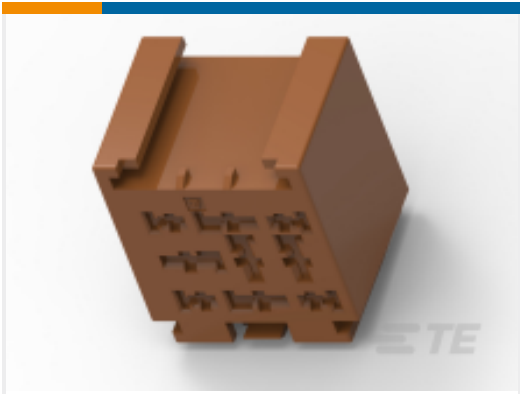
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 # 1579007-1 AUSDRUECKWERKZEUG	 TE Part # CAT-T4827-CH8172 Timer Connector Housing	 TE Part # 185402-1 MODULAR RELAY HOLDER	 TE Part # 185403-2 MODULAR RELAY HOLDER
 TE Part # 3-1579007-1 EXTRATION TOOL	 TE Part # 185402-2 MODULAR RELAY HOLDER	 TE Part # 2837084-1 OCEAN_2.0_APPLICATOR-S-110F155F-RSM	 TE Part # 2837084-2 OCEAN_2.0_APPLICATOR-S-110F155F-RSA
 TE Part # 7-2837084-7 OCEAN_2.0_SPARE_PART_KIT-110F155F	 TE Part # 185403-1 MODULAR RELAY HOLDER	 TE Part # 144471-5 CET 2 POS ASSY JPT	 TE Part # 144473-6 CET 2 POS ASSY JPT
 TE Part # 185167-1 25W JPT PLUG CONNECTOR	 TE Part # 185167-5 25W JPT PLUG CONNECTOR	 TE Part # 144169-1 8 POSITIONS MODULE	 TE Part # 144473-4 CET 2 POS ASSY JPT



TE Part # 185403-4
MODULAR RELAY HOLDER



TE Part # 144473-2
CET 2 POS ASSY JPT



TE Part # 144473-7
CET 2 POS ASSY JPT

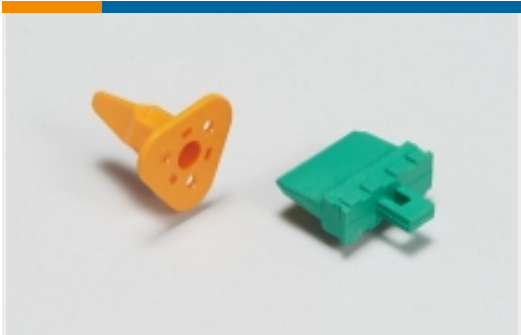


TE Part # 144473-8
CET 2 POS ASSY JPT

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)



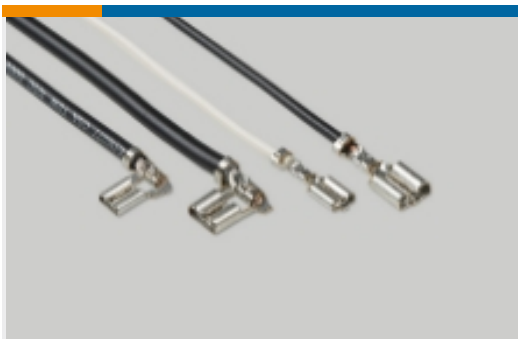
Insertion & Extraction Tools(18)



Other Automotive Connector
Accessories(1)



PCB Headers & Receptacles(40)



Quick Disconnects(4)

Customers Also Bought



TE Part #1743632-2
HYB SLD 36P PLUG ASSY



TE Part #1379659-4
TH/.025 CONNECTOR SYSTEM,
HOUSING



TE Part #4-953892-1
16/8W+4SC MQS SOCKET HSG



TE Part #NB07596001
HTAT-24/6-0-150MM



TE Part #1544966-2
8MM NG1+ TERMINAL



TE Part #1801179-3
3W RECEPTACLE HPSSL CONNECTOR
GREY



TE Part #1801614-3
4 MINIFUSES CLIPSHUNT (2,5-4)



TE Part #1801620-1
2 MICRORELAYS HOLDER



Documents

Product Drawings

JPT F REC 2.8 Contact SRC Sn

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_144432-1_N.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_144432-1_N.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_144432-1_N.3d_stp.zip

English

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

Product Specifications

Application Specification

English