

1-927770-1 ✓ ACTIVE

AMP | Junior Power Timer

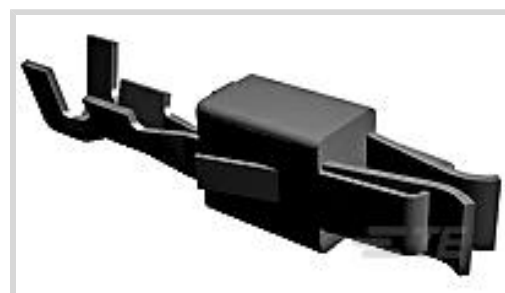
TE Internal #: 1-927770-1

Automotive Terminals, Receptacle, Mating Tab Width 2.8 mm [.11 in], Tab Thickness .031 in [.8 mm], 20 – 17 AWG Wire Size, Junior Power Timer

[View on TE.com >](#)



Terminals & Splices > Automotive Terminals > TIMER, RECEPTACLE AND TAB



Terminal Type: **Receptacle**

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

Mating Tab Thickness: **.8 mm [.031 in]**

Terminal Transmits: **25 – 40 A (Power)**

Wire Size: **20 – 17 AWG**

[All TIMER, RECEPTACLE AND TAB \(346\)](#)

## 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
Typical Current Rating	30 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	Gold (Au)
Contact Termination Area Plating Material	Tin (Sn)

### Termination Features

Termination Method to Wire & Cable	Crimp
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Product Terminates To	Wire
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### Dimensions

Wire Size	.5 – 1 mm <sup>2</sup>
Wire Size Search	17 AWG, 18 AWG, 19 AWG, 20 AWG
Wire Insulation Diameter	1.4 – 2.1 mm, 2 – 2.7 mm, 3.4 mm[.134 in]

### Usage Conditions

Insulation Option	Uninsulated
Operating Temperature (Max)	80 °C, 85 °C, 90 °C, 100 °C, 105 °C, 110 °C, 120 °C, 125 °C, 130 °C, 140 °C, 145 °C, 150 °C [176 °F][185 °F][194 °F][212 °F][221 °F][230 °F][248 °F][257 °F][266 °F][284 °F][293 °F][302 °F]
Operating Temperature Range	-40 – 150 °C[-40 – 302 °F]

### Operation/Application

Compatible With Wire Base Material	Copper
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### Industry Standards

Agency/Standard	DIN 72 551 Part 6, DIN ISO 6722 part 3
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### Packaging Features

Packaging Method	Reel
Packaging Quantity	3750

### 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	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2022 (223) Candidate List Declared Against: JAN 2022 (223) 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 # 4-1579007-3  
EXTRACTION TOOL KIT



TE Part # 1-1579007-6  
EXTRACTION TOOL



TE Part # 2305570-1  
TERMINAL CUTTER, SIDE FEED



TE Part # CAT-T4827-CH8172  
TIMER, CONNECTOR HOUSING



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



TE Part # 2-2151191-1  
OCEAN\_2.0\_APPLICATOR-S-080F1600



TE Part # 2-2151191-2  
OCEAN\_2.0\_APPLICATOR-S-080F1600



TE Part # 2151191-1  
OCEAN\_2.0\_APPLICATOR-S-080F1600



TE Part # 2151191-2  
OCEAN\_2.0\_APPLICATOR-S-080F1600



TE Part # 5-2151191-1  
OCEAN\_2.0\_APPLICATOR-S-080F1600



TE Part # 5-2151191-2  
OCEAN\_2.0\_APPLICATOR-S-080F1600



TE Part # 7-2151191-1  
OCEAN\_2.0\_APPLICATOR-S-080F1600



TE Part # 7-2151191-2  
OCEAN\_2.0\_APPPLICATOR-S-080F160O

**KIT**  
REPRESENTATION ONLY

TE Part # 7-2151191-7  
OCEAN\_2.0\_SPARE\_PART\_KIT-080F160O

**KIT**  
REPRESENTATION ONLY

TE Part # 7-2266070-7  
OC-080F160O-CRIMPTOOLINGKIT

TE Part # 368000-2  
J-P-T 3P ASS'Y FOR CPS SENSOR

TE Part # 368354-2  
JPT 2P ASSY FOR CLIP BLUE

TE Part # 368354-3  
JPT 2P ASSY FOR CLIP GREEN

TE Part # 368354-4  
JPT 2P ASSY FOR CLIP BROWN

TE Part # 1-85205-1  
J-P-T 3P ASS'Y(DAEWOO)-GREEN

Also in the Series | Junior Power Timer

Automotive Connector Caps & Covers (5)

Automotive Housings(225)

Automotive Seals & Cavity Plugs(10)

Automotive Terminals(82)

Busbars & Terminals(1)

Insertion & Extraction Tools(9)

Module Components(8)

Other Automotive Connector Accessories(1)

PCB Headers & Receptacles(1)

Customers Also Bought



TE Part #213920-1  
CPC SEAL KIT, UNASSM, SZ 17-16



TE Part #6-1579007-0  
EXTRACTION TOOL



TE Part #87220-1  
01 MODII HDR SRST UNSHRD .  
100XXXXXXXXXXXX



TE Part #4-1879213-3  
CPF 0402 71R5 0.1% 25PPM 1K RL



TE Part #2311775-1  
AMPL PLUG, HD22, R/A, 15P, S/L



TE Part #4-2176330-6  
CRGP 2010 56K 1%



TE Part #3-640443-9  
09P MTA100 CONN ASSY GRN

## Documents

### Product Drawings

[JPT REC 2.8 Contact SWS Au](#)

English

[JPT REC 2.8 Contact SWS Au](#)

English

### CAD Files

Customer View Model

[ENG\\_CVM\\_1-927770-1\\_A9.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_1-927770-1\\_A9.3d\\_stp.zip](#)

English

Customer View Model

[ENG\\_CVM\\_1-927770-1\\_A9.2d\\_dxf.zip](#)

English

[3D PDF](#)

English

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

### Datasheets & Catalog Pages

[Timer Interconnection System](#)

English

### Product Specifications

[Application Specification](#)

German



### Application Specification

English

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### Product Environmental Compliance

#### Product Compliance

English

#### Product Compliance

English