

881742-1 ✓ ACTIVE

AMP | Junior Power Timer

TE Internal #: 881742-1

12 V, 3 Position, Automotive Housing for Female Terminals, Wire-to-Wire, 5 mm [.197 in] Centerline, Sealable, Black, Wire & Cable, Junior Power Timer

[View on TE.com >](#)



Automotive Parts > Automotive Connectors > Automotive Housings > Timer Connector Housing



Nominal Voltage Architecture: 12 V

Connector & Housing Type: **Housing for Female Terminals**

Number of Positions: 3

Sealable: **Yes**

Operating Temperature Range: -40 – 130 °C [ -40 – 266 °F ]

[All Timer Connector Housing \(435\)](#)

## Features

### Product Type Features

Mixed & Hybrid Connector	No
Connector Shape	Rectangular
Connector & Housing Type	Housing for Female Terminals
Sealable	Yes
Primary Locking Feature	On the Terminal
Connector System	Wire-to-Wire
Connector & Contact Terminates To	Wire & Cable

### Configuration Features

Number of Positions	3
Number of Rows	1

### Electrical Characteristics

Operating Voltage	12 VDC
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Nominal Voltage Architecture	12 V
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### Body Features

Cable Exit Angle	180 °
Primary Product Color	Black

### Contact Features

Contact Size	2.8mm
Contact Type	Receptacle
Mating Tab Width	2.8 mm[.11 in]
Contact Current Rating (Max)	30 A

### Mechanical Attachment

Strain Relief	Without
Terminal Position Assurance	No
Mating Alignment Type	Polarizing Slot
Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)

### Housing Features

Housing Material	PBT GF30
Centerline (Pitch)	5 mm[.197 in]

### Dimensions

Product Width	35.4 mm[1.394 in]
Product Length	30.2 mm[1.189 in]
Connector Height	24 mm[.945 in]

### Usage Conditions

Operating Temperature Range	-40 – 130 °C[-40 – 266 °F]
Operating Temperature (Max)	130 °C[266 °F]

### Operation/Application

Circuit Application	Power
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### Industry Standards

UL Flammability Rating	UL 94HB
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### Packaging Features

Packaging Method	Box
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Other

Serviceable	Yes
Connector Position Assurance Capable	No

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) SVHC > Threshold: Octamethylcyclotetrasiloxane (D4) (1% in Component) <b>Article Safe Usage Statements:</b> Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.
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 # CAT-N05-AT28  
2.8 mm Automation Ready Terminals for Automotive Wire Harness Production and High Performance Automation



TE Part # CAT-T4827-T273  
TIMER, RECEPTACLE AND TAB



TE Part # 828922-1  
2,5MM CAVITY PLUG FOR 5,4MM DI




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



TE Part # 828906-1  
CAVITY PLUG (5MM HOLE)



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



TE Part # 881744-1  
SECONDARY LOCK HSG




TE Part # 828906-2  
BLINDSTOPFEN 1,5SYS


Also in the Series | Junior Power Timer



Automotive Connector Locks & Position Assurance(8)




Automotive Housings(278)




Automotive Seals & Cavity Plugs(8)




Automotive Signal & Power Connector Housings(274)



Connector Seals & Cavity Plugs(8)



Insertion & Extraction Tools(7)



Other Automotive Connector Accessories(3)

Customers Also Bought



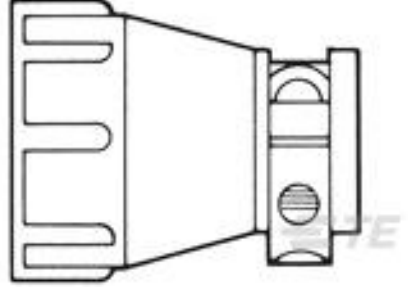
TE Part #1-66098-8  
III+ PIN,18-16,TIN STRIP



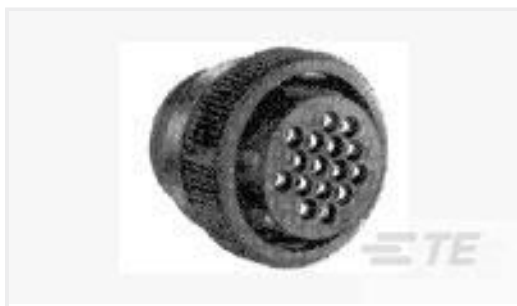
TE Part #66100-2  
III+ SKT,18-16,TIN-LEAD,STRIP



TE Part #1-66100-9  
III+ SKT,18-16,TIN ,STRIP



TE Part #1-206138-0  
CABLE CLAMP ASSY,BULK PACKED



TE Part #206150-1  
CPC PLUG ASSEMBLY SIZE 23-37



TE Part #206151-1  
23-37 RECEPT STD SEX



TE Part #444312-1  
HSG 12 POSN, FUSE CONTACT



TE Part #CAT-T4827-CH8172  
Timer Connector Housing



TE Part #444442-2  
RELAY ADAPTOR

## Documents

### Product Drawings

[ASS'Y JR P.TIMER 3W](#)

English

### CAD Files

Customer View Model

[ENG\\_CVM\\_CVM\\_881742-1\\_B.2d\\_dxf.zip](#)

English

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_881742-1\\_B.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_881742-1\\_B.3d\\_stp.zip](#)

English

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

### Product Specifications

[Jr. Power Timer Conn. Assy 2 / 3 / 5 / 7 Positions](#)

English

[Product Specification](#)

English