

1-967242-1 ✓ ACTIVE

AMP | Junior Power Timer

TE Internal #: 1-967242-1

12 V / 24 V / 48 V, 16 Position, Automotive Housing for Female Terminals, Wire-to-Wire, 5 mm [.196 in] Centerline, Black, Junior Power Timer

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



Nominal Voltage Architecture: 12 V, 24 V, 48 V

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

Number of Positions: **16**

Sealable: **No**

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

[All Timer Connector Housing \(436\)](#)

## Features

### Product Type Features

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

### Configuration Features

|                     |    |
|---------------------|----|
| Number of Positions | 16 |
| Number of Rows      | 2  |

### Electrical Characteristics

|                              |                  |
|------------------------------|------------------|
| Nominal Voltage Architecture | 12 V, 24 V, 48 V |
|------------------------------|------------------|



### Body Features

|                         |       |
|-------------------------|-------|
| Primary Product Color   | Black |
| Connector & Keying Code | A1    |

### 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       | Keyed                      |
| Mating Alignment            | With                       |
| Connector Mounting Type     | Cable Mount (Free-Hanging) |

### Housing Features

|                    |               |
|--------------------|---------------|
| Housing Material   | PBT GF30      |
| Centerline (Pitch) | 5 mm[.196 in] |

### Dimensions

|                    |                    |
|--------------------|--------------------|
| Product Width      | 24.3 mm[.957 in]   |
| Row-to-Row Spacing | 6 mm[.236 in]      |
| Product Length     | 52.65 mm[2.073 in] |
| Connector Height   | 37.75 mm[1.486 in] |

### Usage Conditions

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

### Operation/Application

|                     |       |
|---------------------|-------|
| Circuit Application | Power |
|---------------------|-------|

### Packaging Features

|                  |        |
|------------------|--------|
| Packaging Method | Carton |
|------------------|--------|

### Other

|                                      |    |
|--------------------------------------|----|
| Serviceable                          | No |
| 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)<br>Candidate List Declared Against: JUNE 2025 (250)<br>Does not contain REACH SVHC |
| Halogen Content                               | BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.  |
| 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-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 # 828904-1  
SINGLE WIRE SEAL FOR J.P.T.CON



TE Part # 3-963215-1  
16P STIFTWANNE 3MM



TE Part # 1-964449-1  
FLACHSTE-GEH2,8 16P



TE Part # CAT-LMPH9507  
Low & Medium Power Header

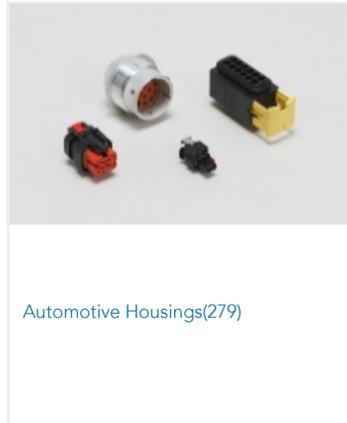


TE Part # 963216-1  
DICHTUNG

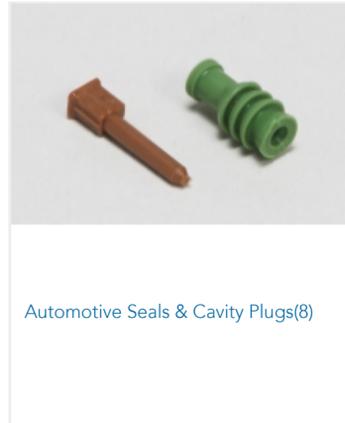
## Also in the Series | Junior Power Timer



Automotive Connector Locks & Position Assurance(8)



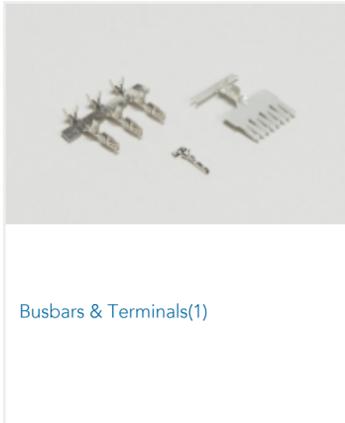
Automotive Housings(279)



Automotive Seals & Cavity Plugs(8)



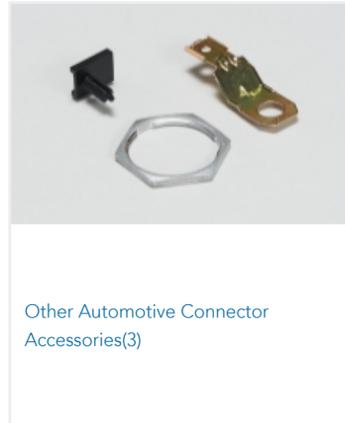
Automotive Signal & Power Connector Housings(275)



Busbars & Terminals(1)



Module Components(1)



Other Automotive Connector Accessories(3)

## Customers Also Bought



TE Part #K1160758  
Plunger Switch 44-01-069



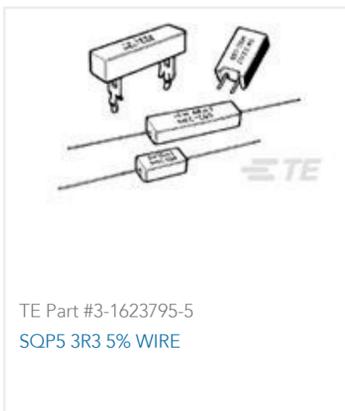
TE Part #109452-6  
RING TONGUE 170 (4.32 MM)18-14 AWG PTPBR



TE Part #2-962916-1  
TAB 2.8x0.8 CONTACT CF SWS Sn



TE Part #CAT-T4827-CH8172  
Timer Connector Housing



TE Part #3-1623795-5  
SQP5 3R3 5% WIRE



TE Part #4-2326900-7  
COAX,STMPD SOC CNTR TRMNL, 180DEG



TE Part #2385337-1  
1P, FAKRA, MALE HOUSING, CLIP SLOT



## Documents

### Product Drawings

#### JPT GEH KPL 16P

English

### CAD Files

#### 3D PDF

English

#### Customer View Model

##### ENG\_CVM\_1-967242-1\_F2.2d\_dxf.zip

English

#### Customer View Model

##### ENG\_CVM\_1-967242-1\_F2.3d\_igs.zip

English

#### Customer View Model

##### ENG\_CVM\_1-967242-1\_F2.3d\_stp.zip

English

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

### Instruction Sheets

#### CONNECTEURS JPT ETANCHES A ETRIER POUR CONNEXIONS FIL A FIL PRECONISAT

English

#### Instruction Sheet (non U.S.)

English