

493571-1 ✓ ACTIVE

AMP | Junior Power Timer

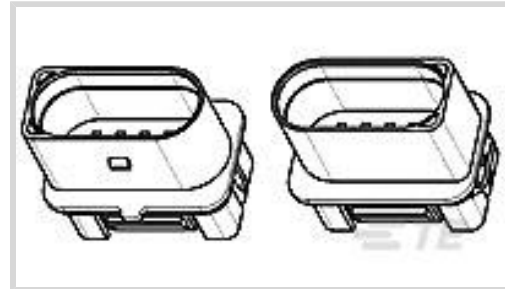
TE Internal #: 493571-1

Housing for Male Terminals, Wire-to-Board, 10 Position, .236 in [6 mm] Centerline, Sealable, Black, Wire & Cable, Signal, Junior Power Timer

[View on TE.com >](#)



Connectors > Automotive Connectors > Automotive Housings > Timer Connector Housing



Connector System: **Wire-to-Board**

Number of Positions: **10**

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

Centerline (Pitch): **6 mm [ .236 in ]**

Sealable: **Yes**

[All Timer Connector Housing \(585\)](#)

## Features

### Product Type Features

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

### Configuration Features

|                     |    |
|---------------------|----|
| Number of Positions | 10 |
| Number of Rows      | 2  |

### Electrical Characteristics

|                              |        |
|------------------------------|--------|
| Operating Voltage            | 12 VDC |
| Nominal Voltage Architecture | 12 V   |

### Body Features

|                       |       |
|-----------------------|-------|
| Cable Exit Angle      | 180°  |
| Primary Product Color | Black |



### Contact Features

|                  |                |
|------------------|----------------|
| Contact Size     | 2.8mm          |
| Contact Type     | Tab            |
| Mating Tab Width | 2.8 mm[.11 in] |

### Mechanical Attachment

|                             |                            |
|-----------------------------|----------------------------|
| Terminal Position Assurance | Yes                        |
| Strain Relief               | Without                    |
| Mating Alignment Type       | Polarized                  |
| Mating Alignment            | With                       |
| Connector Mounting Type     | Cable Mount (Free-Hanging) |

### Housing Features

|                    |               |
|--------------------|---------------|
| Housing Material   | PA GF         |
| Centerline (Pitch) | 6 mm[.236 in] |

### Dimensions

|                    |                   |
|--------------------|-------------------|
| Connector Height   | 32.4 mm[1.276 in] |
| Product Width      | 42 mm[1.653 in]   |
| Product Length     | 46.2 mm[1.819 in] |
| Row-to-Row Spacing | 6 mm[.236 in]     |

### Usage Conditions

|                             |   |
|-----------------------------|---|
| Operating Temperature (Max) | 70 °C, 75 °C, 80 °C, 85 °C, 90 °C, 100 °C, 105 °C, 110 °C, 120 °C, 125 °C, 130 °C[158 °F][167 °F][176 °F][185 °F][194 °F][212 °F][221 °F][230 °F][248 °F][257 °F][266 °F] |
| Operating Temperature Range | -40 – 130 °C[-40 – 266 °F]  |

### Operation/Application

|                     |        |
|---------------------|--------|
| Circuit Application | Signal |
|---------------------|--------|

### Industry Standards

|                        |         |
|------------------------|---------|
| UL Flammability Rating | UL 94HB |
|------------------------|---------|

### Packaging Features

|                  |         |
|------------------|---------|
| Packaging Method | Package |
|------------------|---------|

### 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 | No Restricted Materials Above Threshold  |
| EU REACH Regulation (EC) No. 1907/2006        | Current ECHA Candidate List: JUNE 2023 (235)<br>Candidate List Declared Against: JAN 2021 (211)<br>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

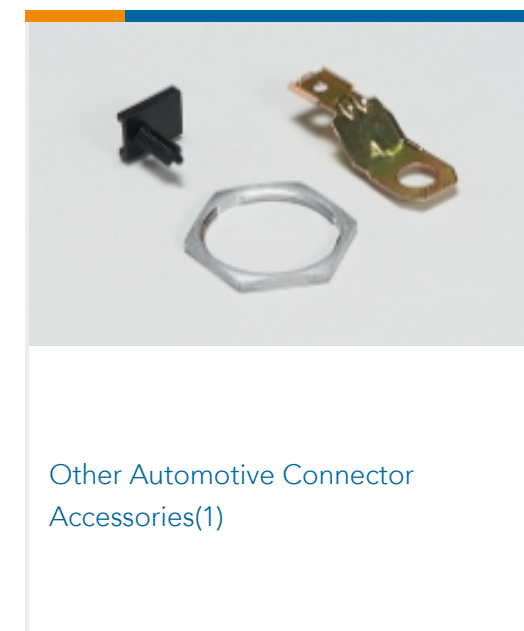
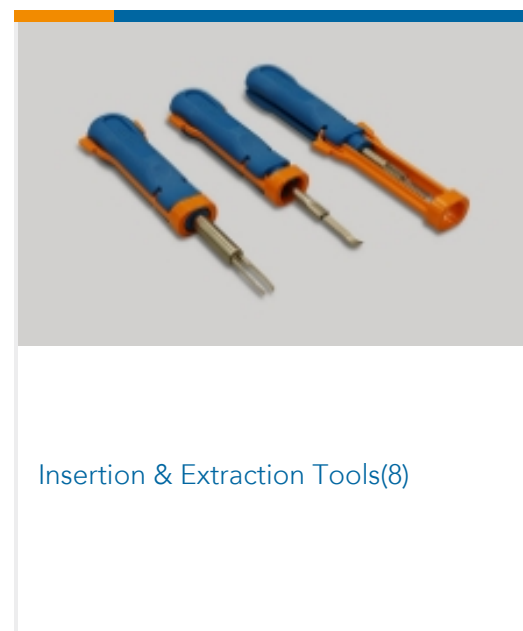
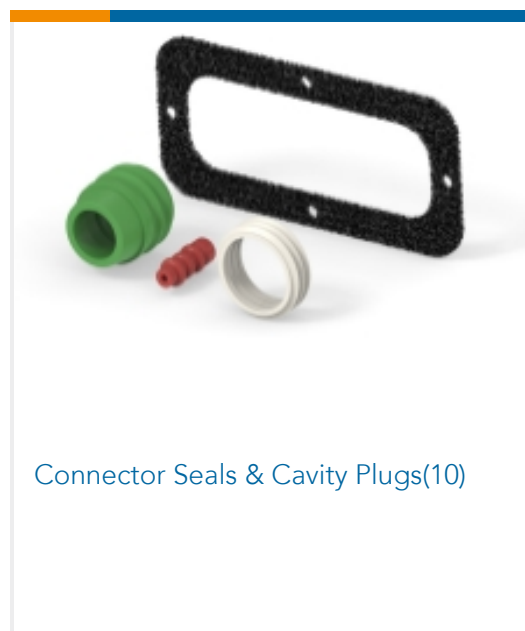
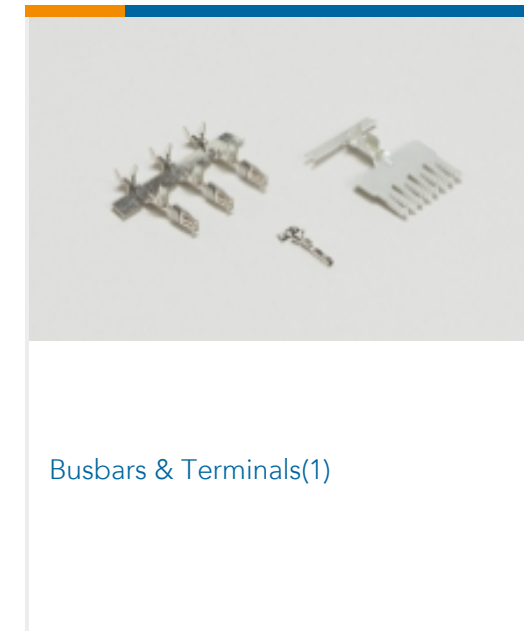
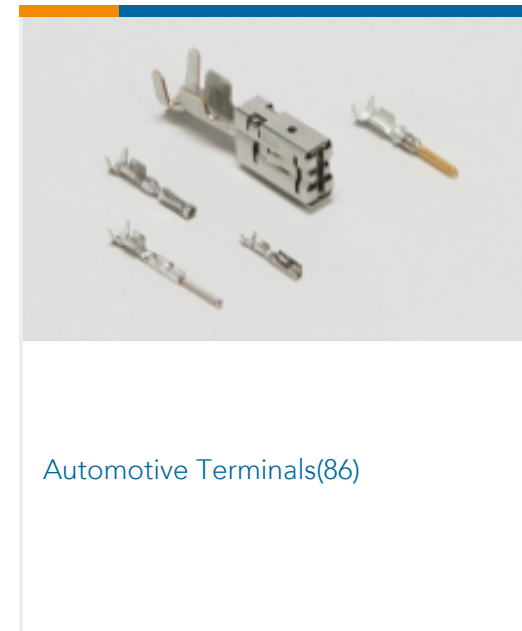
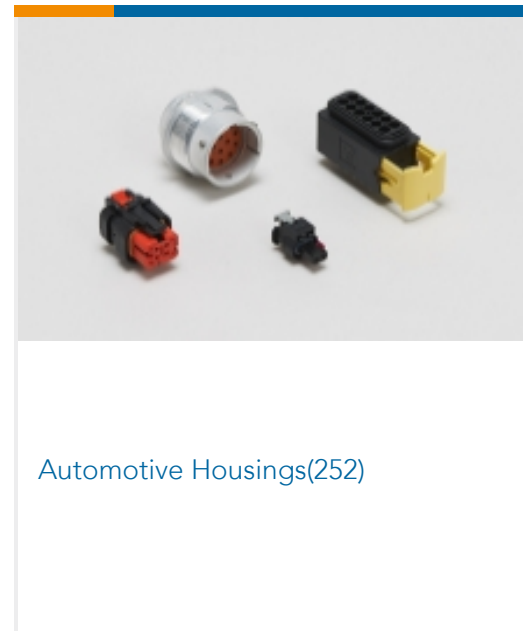
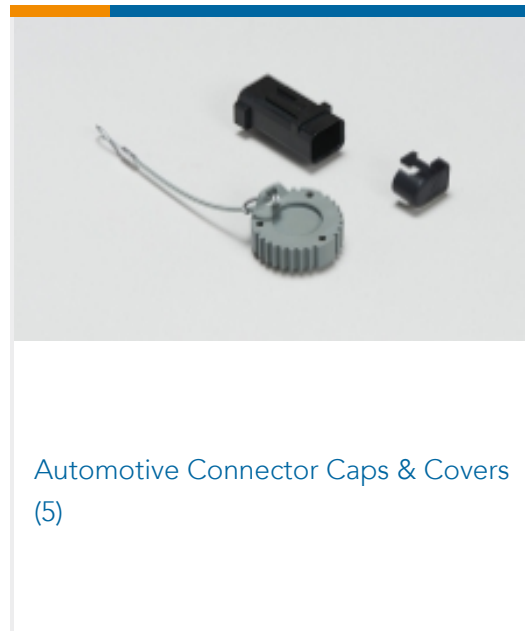
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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

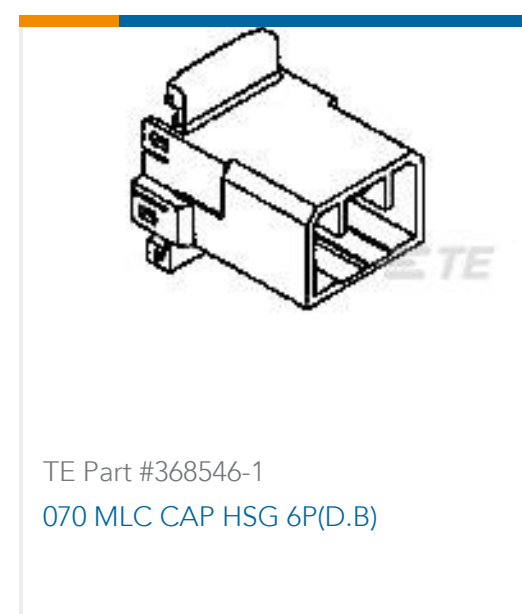
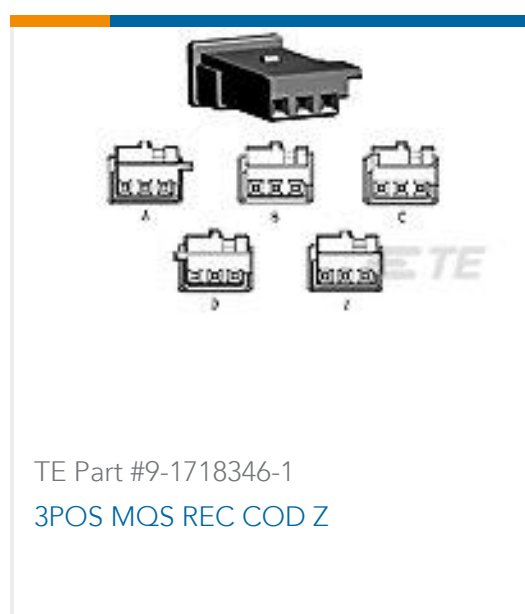
|   |  |   |  |
|---|--|---|--|
|  <p>TE Part # 493577-2<br/>ASSY 10 WAY JPT REC</p> |  <p>TE Part # CAT-T4827-T273<br/>TIMER, RECEPTACLE AND TAB</p> |  <p>TE Part # 2-964300-2<br/>TAB A 2.8x0.8 CONTACT CF SWS Ag</p> |  <p>TE Part # 1-2141876-3<br/>TAB A 2.8x0.8 CONTACT CF SWS Au</p> |
|---|--|---|--|

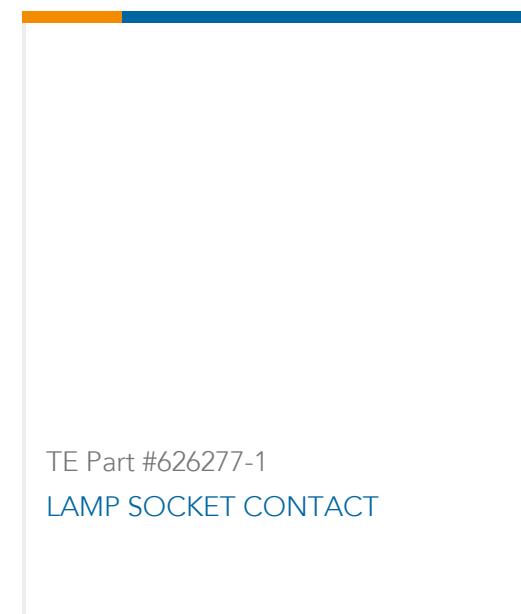
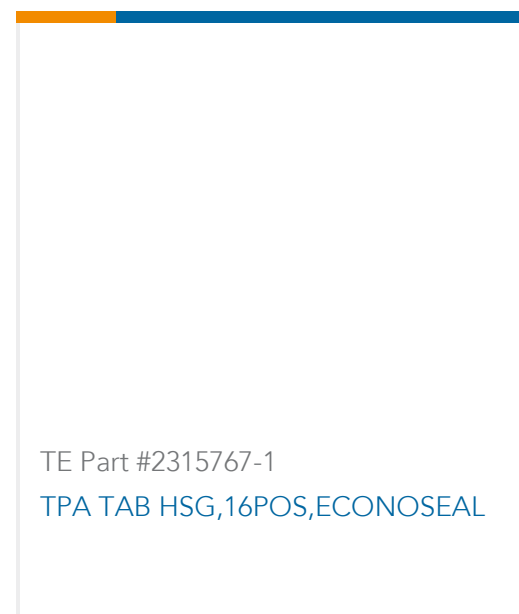


## Also in the Series | Junior Power Timer



## Customers Also Bought





## Documents

### Product Drawings

#### HSG. ASSY 10P JPT TAB

English

### CAD Files

#### Customer View Model

[ENG\\_CVM\\_493571-1\\_D.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_493571-1\\_D.3d\\_stp.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_493571-1\\_D.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

### Instruction Sheets

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

English