



Connectors > Automotive Connectors > Automotive Housings > Timer Connector Housing



Connector System: **Wire-to-Board, Wire-to-Wire**  
Number of Positions: **18**  
Connector & Housing Type: **Housing for Female Terminals**  
Centerline (Pitch): **5 mm [ .197 in ]**  
Sealable: **No**

[All Timer Connector Housing \(519\)](#)

Features

Product Type Features

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

Configuration Features

|                     |    |
|---------------------|----|
| Number of Positions | 18 |
| Number of Rows      | 3  |

Electrical Characteristics

|                              |      |
|------------------------------|------|
| Nominal Voltage Architecture | 28 V |
|------------------------------|------|

Body Features

|                         |        |
|-------------------------|--------|
| Primary Product Color   | Yellow |
| Connector & Keying Code | A      |

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

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

Housing Features

|                    |               |
|--------------------|---------------|
| Housing Material   | PBT GF        |
| Centerline (Pitch) | 5 mm[.197 in] |

Dimensions

|                  |                   |
|------------------|-------------------|
| Connector Height | 26.5 mm[1.043 in] |
| Product Length   | 34.8 mm[1.37 in]  |

Usage Conditions

|                             |                            |
|-----------------------------|----------------------------|
| Operating Temperature (Max) | 100 °C[212 °F]             |
| Operating Temperature Range | -30 - 100 °C[-22 - 212 °F] |

Operation/Application

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

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 | No Restricted Materials Above Threshold |



|                                        |                                                                                                                               |
|----------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| EU REACH Regulation (EC) No. 1907/2006 | Current ECHA Candidate List: JAN 2024 (240)<br>Candidate List Declared Against: JAN 2024 (240)<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>

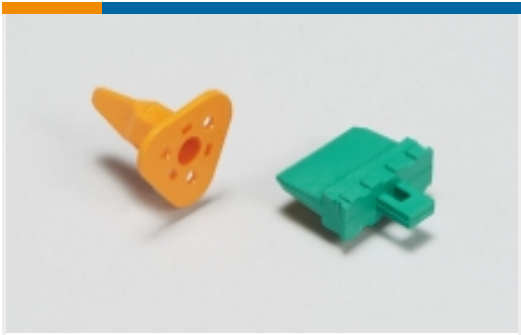
Compatible Parts

|                                                                                                                                                               |                                                                                                                                                |                                                                                                                                                     |                                                                                                                                       |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
|  <p>TE Part # CAT-AM705-CH8173<br/>AMP MCP Unsealed Connector Housings</p> |  <p>TE Part # 967634-1<br/>2. RETAINER FOR 18POS</p>       |  <p>TE Part # CAT-T4827-T273<br/>TIMER, RECEPTACLE AND TAB</p> |  <p>TE Part # 3-966140-5<br/>MESSERLEISTE 6P</p> |
|  <p>TE Part # 1-967629-0<br/>TAB HOUSING, 2.8MM, 18POS.</p>                |  <p>TE Part # 1719810-1<br/>JPT REC 2.8 Contact SRC Sn</p> |  <p>TE Part # 1-927768-1<br/>JPT REC 2.8 Contact SRC Au</p>    |                                                                                                                                       |

Also in the Series | Junior Power Timer



Automotive Connector Caps & Covers (9)



Automotive Connector Locks & Position Assurance (8)



Automotive Housings (324)



Automotive Terminals (189)



Busbars & Terminals (1)



Connector Seals & Cavity Plugs (9)



Insertion & Extraction Tools (8)



Module Components (4)



Other Automotive Connector Accessories (2)

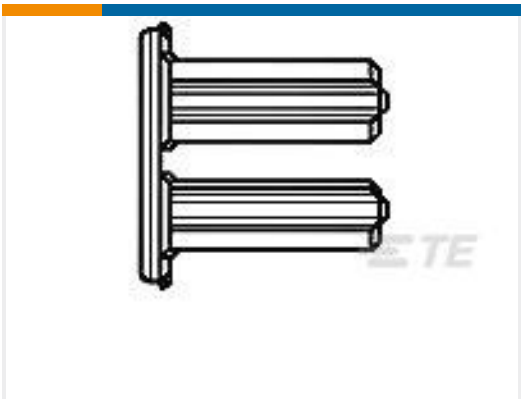


Special Purpose Terminals (2)

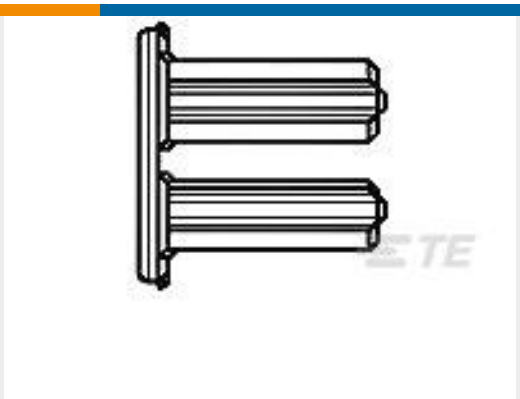
Customers Also Bought



TE Part # 1-967624-3  
Timer Connector Housing



TE Part # 967634-1  
2. RETAINER FOR 18POS



TE Part # 967635-1  
2.0 KONT



TE Part # 1-1414469-0  
V23134J0052X461-EV-CBOX



TE Part # 153303-2  
5.16 TAB

Documents



Product Drawings

JUN-POW-TIM GEH 18P

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_1-967624-4\_C.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_1-967624-4\_C.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_1-967624-4\_C.3d\_stp.zip

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

Product Specification

English

Product Specification

English