



Connectors > Automotive Connectors > Automotive Housings > Timer Connector Housing



Number of Positions: 3  
Connector & Housing Type: **Housing for Female Terminals**  
Mating Tab Width: 2.8 mm [.11 in]  
Connector System: **Wire-to-Board**  
Centerline (Pitch): 5 mm [.197 in]

[All Timer Connector Housing \(449\)](#)

Features

Product Type Features

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

Configuration Features

|                     |   |
|---------------------|---|
| Number of Positions | 3 |
| Number of Rows      | 1 |

Electrical Characteristics

|                   |        |
|-------------------|--------|
| Operating Voltage | 12 VDC |
|-------------------|--------|



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

Body Features

|                         |         |
|-------------------------|---------|
| Cable Exit Angle        | 180°    |
| Primary Product Color   | Black   |
| Connector & Keying Code | Neutral |

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 | Yes                        |
| Mating Alignment Type       | Polarizing Slot            |
| Mating Alignment            | With                       |
| Connector Mounting Type     | Cable Mount (Free-Hanging) |

Housing Features

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

Dimensions

|                  |                   |
|------------------|-------------------|
| Product Width    | 28 mm[1.102 in]   |
| Product Length   | 29.5 mm[1.161 in] |
| Connector Height | 23.5 mm[.925 in]  |

Usage Conditions

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

Operation/Application

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

Industry Standards

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



Packaging Features

|                  |     |
|------------------|-----|
| Packaging Method | Bag |
|------------------|-----|

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 2024 (241)<br>Candidate List Declared Against: JUN 2015 (163)<br>SVHC > Threshold:<br>Not Yet Reviewed |
| 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 Regulations, TE’s information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) ‘Guidance on requirements for substances in articles’(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of ‘complex object’, the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA “Guidance on requirements for substances in articles” (June 2017, version 4.0) and will be updating its statements accordingly.

Compatible Parts



TE Part # 929553-1  
3P JUN-TIMER GEH

Also in the Series

Junior Power Timer

Automotive Connector Caps & Covers  
(9)

Automotive Connector Locks &  
Position Assurance(8)

Automotive Housings(39)

Automotive Terminals(13)

Busbars & Terminals(1)

Connector Seals & Cavity Plugs(7)

Module Components(1)

Other Automotive Connector  
Accessories(2)

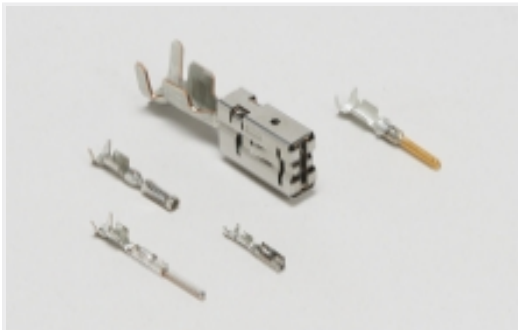
Special Purpose Terminals(2)

Also in the Series

Junior Timer



Automotive Housings(39)



Automotive Terminals(13)

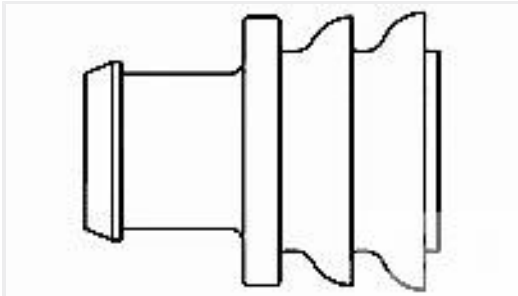


Busbars & Terminals(1)

Customers Also Bought



TE Part #CAT-AM71-CH8172  
AMP SUPERSEAL 1.5MM,  
CONNECTOR HOUSING



TE Part #281934-2  
SINGLE WIRE SEAL



TE Part #CAT-D48-ST273  
DEUTSCH Solid Contacts



TE Part #DT04-2P  
REC, 2P, GRY, N



TE Part #DT06-2S  
PLG, 2P, GRY, N



TE Part #CAT-D487-W416  
Wedgelocks: DEUTSCH DT



TE Part #114017-ZZ  
SEALING PLUG, SIZE 12/16, WHT

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_828840-1\_K.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_828840-1\_K.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_828840-1\_K.3d\_stp.zip

English

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

Datasheets & Catalog Pages

889759\_3\_Timer\_Interconnection\_System

English

828840-1

3 Position Housing, Housing for Female Terminals, Wire-to-Board, 5 mm [.197 in]  
Centerline, Sealable, Black, Wire & Cable, Power, Hybrid

