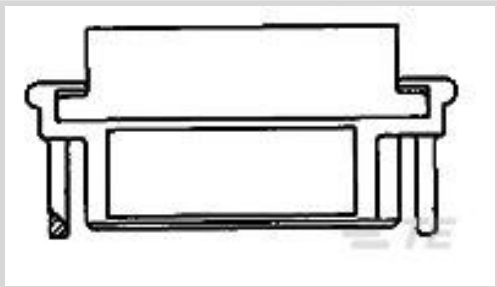




Connectors > Automotive Connectors > Automotive Housings > Timer Connector Housing



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

Number of Positions: **12**

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

Centerline (Pitch): **5 mm [.197 in]**

Sealable: **No**

[All Timer Connector Housing \(515\)](#)

Features

Product Type Features

|                                   |                              |
|-----------------------------------|------------------------------|
| Mixed & Hybrid Connector          | No                           |
| Connector Shape                   | Rectangular                  |
| Connector System                  | Wire-to-Board                |
| 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 | 12 |
| Number of Rows      | 2  |

Electrical Characteristics

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

Body Features

|                         |         |
|-------------------------|---------|
| 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

|                             |                            |
|-----------------------------|----------------------------|
| 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) | 5 mm[.197 in] |

Dimensions

|                    |                  |
|--------------------|------------------|
| Connector Height   | 22 mm[.866 in]   |
| Product Width      | 16.3 mm[.642 in] |
| Product Length     | 48 mm[1.89 in]   |
| Row-to-Row Spacing | 5 mm[.197 in]    |

Usage Conditions

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

Operation/Application

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

Packaging Features

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

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: JUNE 2024 (241)<br>Candidate List Declared Against: JUNE 2024 (241)<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 # CAT-LMPH9507  
Low & Medium Power Header



TE Part # 967578-1  
MOD2/TAB3LEIS12/28P



TE Part # 927458-1  
12P GEH-UNTERTEIL



TE Part # 967296-1  
MOD2/TAB3 ST-STE40P

Also in the Series | Junior Timer



Automotive Housings(55)



Automotive Terminals(15)

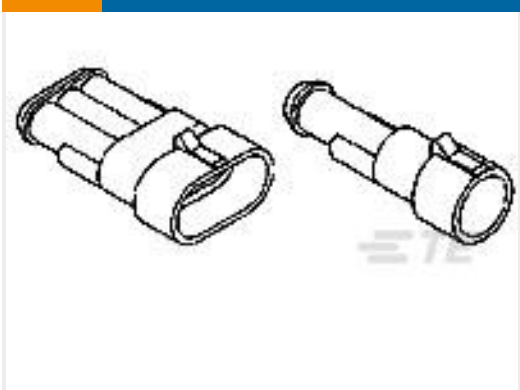


Busbars & Terminals(1)



Connector Seals & Cavity Plugs(1)

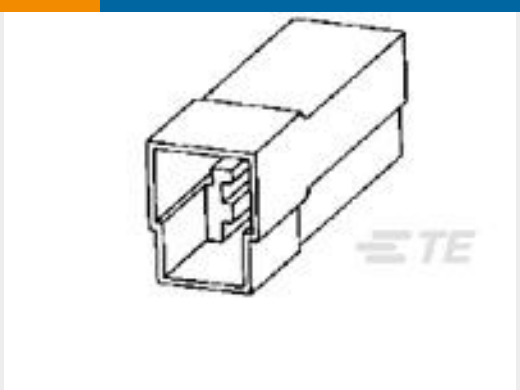
Customers Also Bought



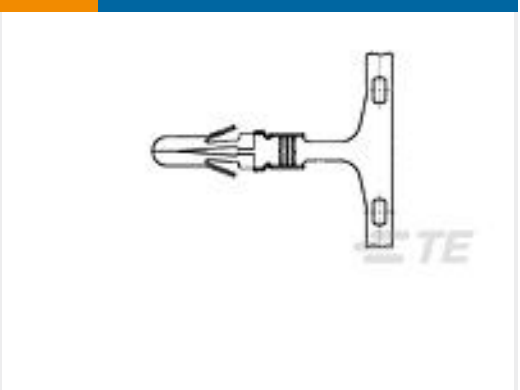
TE Part #282108-1  
AMP SUPERSEAL 1.5 SERIES 6P CA



TE Part #444011-1  
ECONOSEAL, CONNECTOR HOUSING



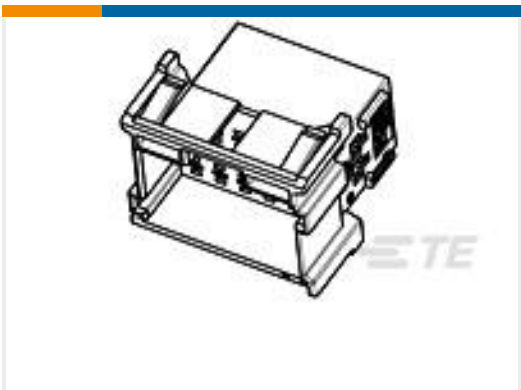
TE Part #180940  
FF 250 TAB HSG 3P NYLON NAT



TE Part #880685-2  
.140 DIA PIN



TE Part #828922-2  
CAVITY PLUG 2,5MM S



TE Part #1-967629-1  
FLA-STE-GEH2,8 18P



TE Part #6-1419137-4  
V23074A2001A403-EV-CBOX



TE Part #7-1372207-2  
CUTTING BLADE

Documents

Product Drawings

12P JUNIOR-TIMER GH

German

CAD Files

3D PDF

English

Customer View Model

ENG\_CVM\_827603-1\_C2.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_827603-1\_C2.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_827603-1\_C2.3d\_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

827603-1

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

