

827230-1 ✓ ACTIVE

AMP | Timer Connector System

TE Internal #: 827230-1

Housing for Female Terminals, Wire-to-Wire, 12 Position, .197 in [5 mm] Centerline, Black, Signal, Cable Mount (Free-Hanging), Timer Connector System

[View on TE.com >](#)



Connectors > Automotive Connectors > Connector Housings > TIMER, CONNECTOR HOUSING



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

Mating Tab Width: **2.8 mm [ .11 in ]**

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

Number of Positions: **12**

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

[All TIMER, CONNECTOR HOUSING \(543\)](#)

### Features

#### Product Type Features

|                           |                              |
|---------------------------|------------------------------|
| Connector & Housing Shape | Rectangular                  |
| Connector & Housing Type  | Housing for Female Terminals |
| Connector System          | Wire-to-Wire                 |
| Sealable                  | No                           |
| Hybrid Connector          | No                           |
| Primary Locking Feature   | On the Terminal              |

#### Configuration Features

|                     |    |
|---------------------|----|
| Number of Positions | 12 |
| Number of Rows      | 2  |

#### Body Features

|                       |       |
|-----------------------|-------|
| Body Material         | PA GF |
| Primary Product Color | Black |



### Contact Features

|                  |                |
|------------------|----------------|
| Contact Size     | 2.8mm          |
| Contact Type     | Receptacle     |
| 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

|                    |               |
|--------------------|---------------|
| Centerline (Pitch) | 5 mm[.197 in] |
|--------------------|---------------|

### Dimensions

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

### Operation/Application

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

### 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 2022 (224) |



Candidate List Declared Against: JUNE 2022 (224)

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-LMPH9507  
LOW & MEDIUM POWER HEADER

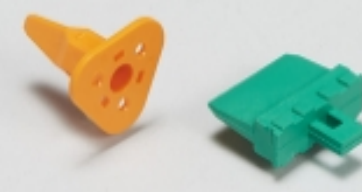


TE Part # CAT-T4827-T273  
TIMER, RECEPTACLE AND TAB


## Also in the Series | Timer Connector System




Automotive Connector Caps & Covers (11)



Automotive Connector Locks & Position Assurance(16)



Automotive Housings(219)



Automotive Seals & Cavity Plugs(31)



Automotive Terminals(138)



Crimp Terminal Housings(13)



Insertion & Extraction Tools(20)



Other Automotive Connector Accessories(1)



PCB Headers & Receptacles(78)



Quick Disconnects(4)

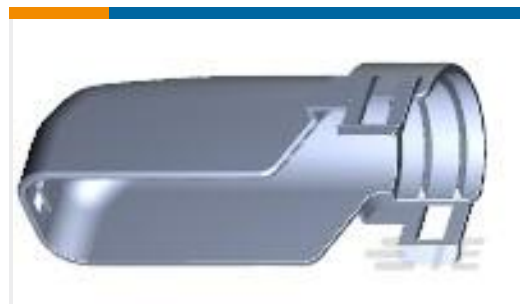
## Customers Also Bought



TE Part #1-2112035-1  
26POS, MIXED,REC HSG,ASSY, SEALED



TE Part #1719059-1  
MQS, CONNECTOR HOUSING



TE Part #2112046-1  
COVER,90,FOR 26POS



TE Part #2137754-1  
Cover for 94P ECU connector



TE Part #2137752-1  
Lever for 154P ECU connector



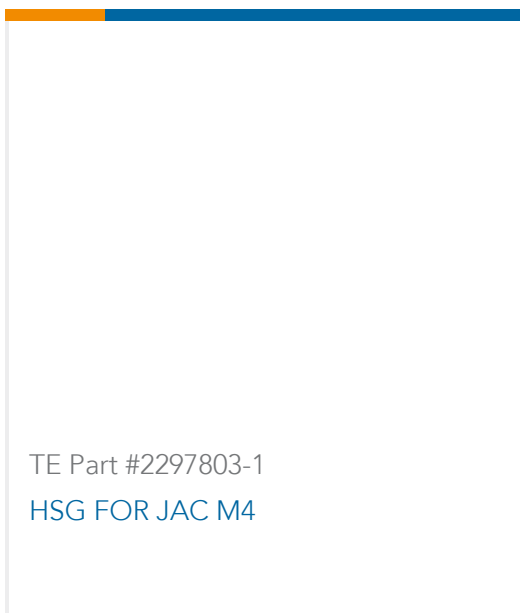
TE Part #6-1355135-1  
VERRIEGLUNG F.94P



TE Part #2297530-1  
JAC S1 MAINBODY



TE Part #2297531-1  
JAC S1 LOWER COVER



TE Part #2297803-1  
HSG FOR JAC M4

## Documents



## Product Drawings

### 12P HSG MINI SPRING

English

---

## CAD Files

### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_827230-1\\_E.2d\\_dxf.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_827230-1\\_E.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_827230-1\\_E.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