

284716-1 ✓ ACTIVE

AMP | Timer Connector System

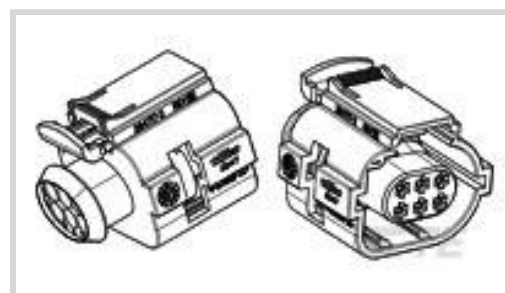
TE Internal #: 284716-1

Housing for Female Terminals, Wire-to-Wire / Wire-to-Board / Wire-to-Device, 6 Position, .157 in [4 mm] Centerline, Sealable, Timer Connector System

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



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

Mating Tab Width: **1.5 mm [ .059 in ]**

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

Number of Positions: **6**

Centerline (Pitch): **4 mm [ .157 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-Board, Wire-to-Device, Wire-to-Wire |
| Sealable                  | Yes   |
| Hybrid Connector          | No  |
| Primary Locking Feature   | On the Terminal                             |

### Configuration Features

|                       |            |
|-----------------------|------------|
| Blank Cavity Position | 2, 3, 4, 6 |
| Number of Positions   | 6          |
| Number of Rows        | 2          |

### Electrical Characteristics

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

### Body Features

|                  |       |
|------------------|-------|
| Cable Exit Angle | 180°  |
| Body Material    | PA GF |



|                       |      |
|-----------------------|------|
| Primary Product Color | Gray |
|-----------------------|------|

### Contact Features

|                  |                 |
|------------------|-----------------|
| Contact Size     | 1.5mm           |
| Contact Type     | Receptacle      |
| Mating Tab Width | 1.5 mm[.059 in] |

### Mechanical Attachment

|                             |                            |
|-----------------------------|----------------------------|
| Mounting Feature            | Without                    |
| 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) | 4 mm[.157 in] |
|--------------------|---------------|

### Dimensions

|                    |                   |
|--------------------|-------------------|
| Product Width      | 24.2 mm[.953 in]  |
| Product Length     | 29.4 mm[1.157 in] |
| Product Height     | 30.3 mm[1.193 in] |
| Row-to-Row Spacing | 5 mm[.197 in]     |

### Usage Conditions

|                             |  |
|-----------------------------|--|
| Operating Temperature (Max) | 70 °C, 80 °C, 85 °C, 90 °C, 100 °C, 105 °C, 110 °C, 120 °C, 125 °C, 130 °C, 140 °C[158 °F][167 °F][176 °F][185 °F][194 °F][212 °F][221 °F][230 °F][248 °F][257 °F][266 °F][284 °F] |
| Operating Temperature Range | -40 – 140 °C[-40 – 284 °F]   |

### Operation/Application

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

### Packaging Features

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

### Other

|                                      |     |
|--------------------------------------|-----|
| Serviceable                          | Yes |
| Connector Position Assurance Capable | Yes |

## 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)<br>Candidate List Declared Against: JAN 2022 (223)<br>SVHC > Threshold:<br>Not Yet Reviewed |
| 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

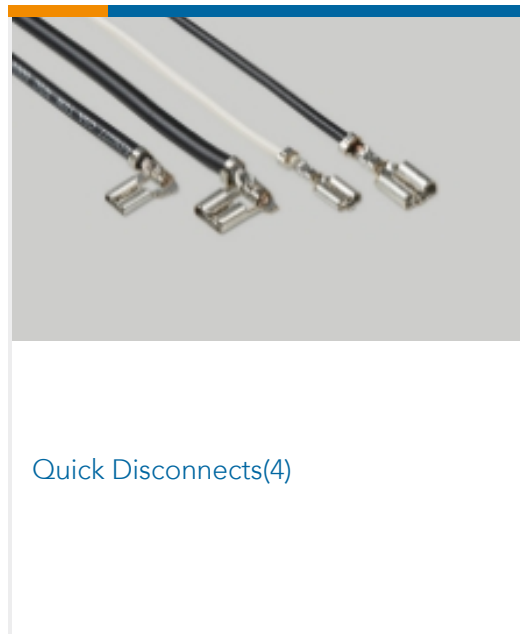
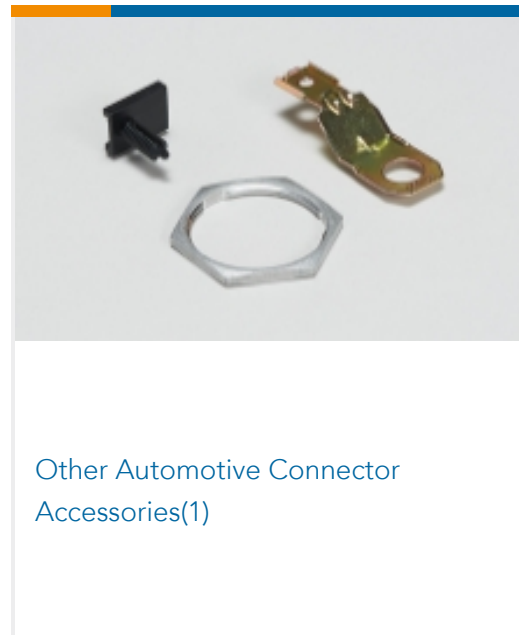
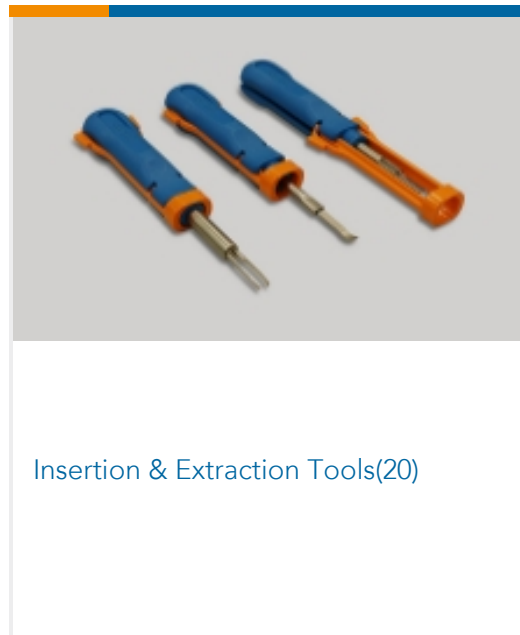
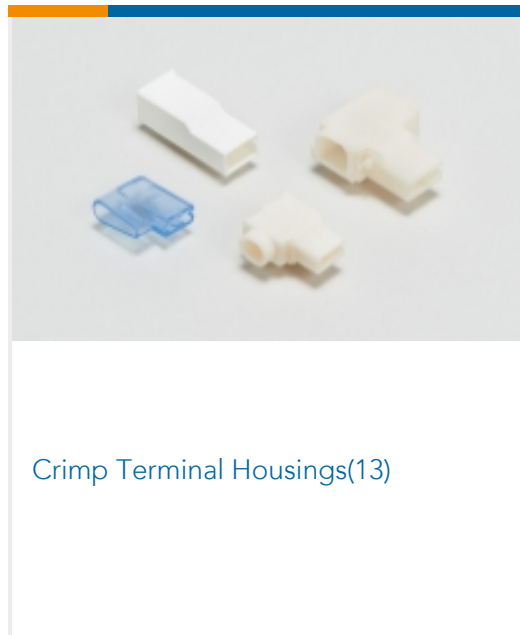
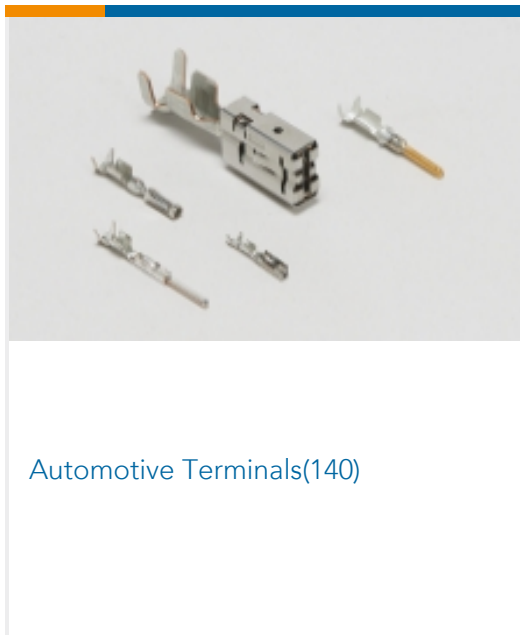
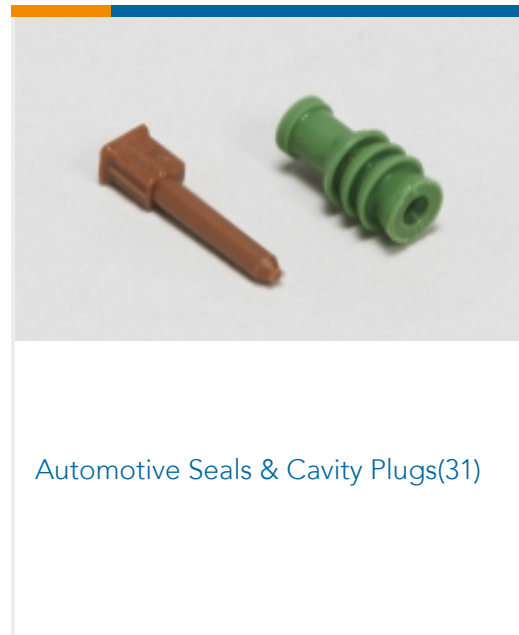
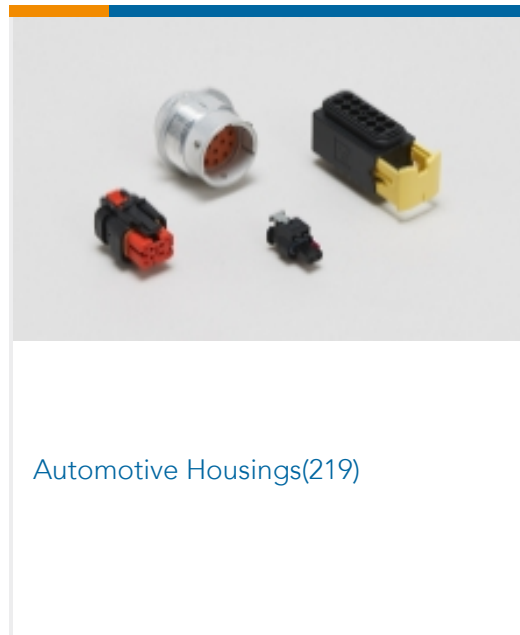
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight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

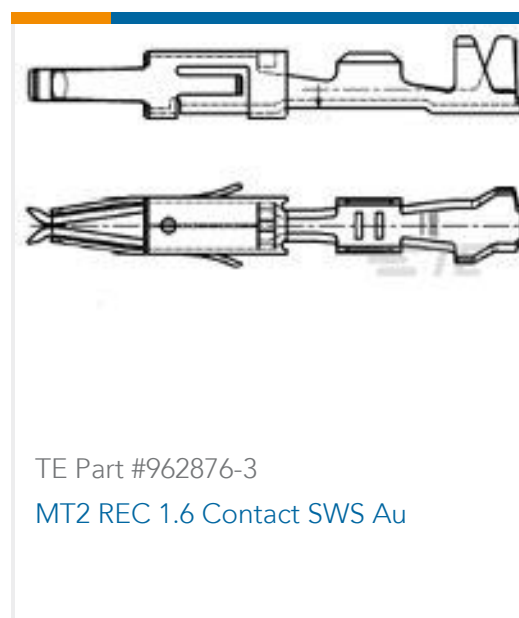
|   |  |  |   |
|---|--|--|---|
|  <p>TE Part # CAT-T4827-T273<br/>TIMER, RECEPTACLE AND TAB</p> |  <p>TE Part # 964972-1<br/>EINZELLEITERDICHTNG</p> |  <p>TE Part # 963531-1<br/>BLINDSTOPFEN</p> |  <p>TE Part # 963530-1<br/>EINZELLEITERDICHTNG</p> |
|---|--|--|---|



### Also in the Series | Timer Connector System



### Customers Also Bought





TE Part #2112323-1  
SINGLE WIRE SEAL,MT 2,VT



TE Part #DRC12-24PAE  
REC, 24P, BLK, E, FLANGE, A



TE Part #776286-1  
8POS,AMPSEAL,SOC HSG ASSY,SLD,  
COD 1



TE Part #1-968855-1  
AMP MCP 2.8, CONTACT SWS  
COD 1



TE Part #1393366-1  
V23540X7000Y 21=GET-FEM TERM S

## Documents

### Product Drawings

[6 POS REC. CONNECTOR FOR EGR V](#)

English

### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_284716-1\\_D.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_284716-1\\_D.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_284716-1\\_D.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

### Instruction Sheets

[Instruction Sheet \(non U.S.\)](#)



English