

1-964449-1 ✓ ACTIVE

AMP | Timer Connector System, Junior Power Timer

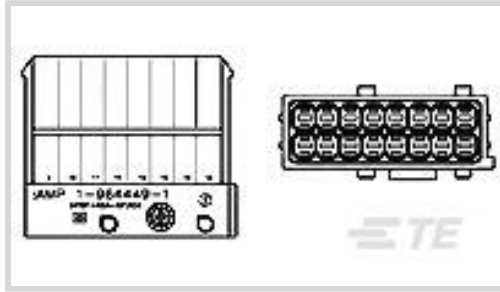
TE Internal #: 1-964449-1

Housing for Male Terminals, Wire-to-Wire, 16 Position, 5 mm [.197 in] Centerline, Black, Wire & Cable, Power & Signal, Hybrid

[View on TE.com >](#)



Connectors > Automotive Connectors > Automotive Housings > Timer Connector Housing



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

Number of Positions: **16**

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

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

Sealable: **No**

[All Timer Connector Housing \(497\)](#)

## Features

### Product Type Features

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

### Configuration Features

Number of Positions	16
Number of Rows	2

### Housing Features

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

### Contact Features

Mating Tab Width	2.8 mm [.11 in]
Contact Size	2.8mm
Contact Type	Tab



### Body Features

Primary Product Color	Black
Connector & Keying Code	A1

### Operation/Application

Circuit Application	Power & Signal
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### Mechanical Attachment

Connector Mounting Type	Cable Mount (Free-Hanging)
Strain Relief	Without
Mating Alignment Type	Keyed
Mating Alignment	With

### Usage Conditions

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

### Electrical Characteristics

Nominal Voltage Architecture	12 V
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### Other

Connector Position Assurance Capable	No
EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant
Serviceable	No

### Dimensions

Product Width	20 mm[.787 in]
Row-to-Row Spacing	6 mm[.236 in]
Product Length	45.8 mm[1.803 in]
Connector Height	39 mm[1.535 in]

### Packaging Features

Packaging Method	Carton
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### 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) Candidate List Declared Against: JUNE 2024 (241) 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>

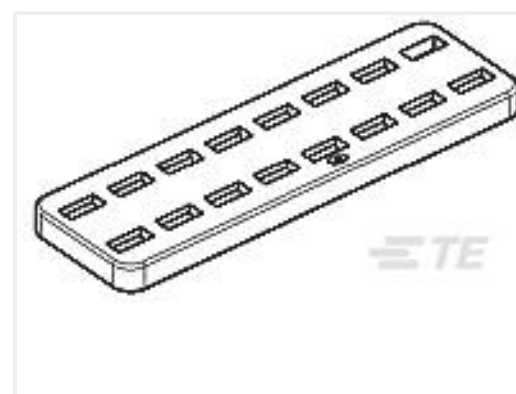
## Compatible Parts



TE Part # CAT-T4827-CH8172  
Timer Connector Housing



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



TE Part # 963216-1  
DICHUNG



TE Part # 964455-1  
KONTAKTSICHERUNG16P



TE Part # 1-965982-1  
TAB TAB 0.2-0.5 MM2 0.32X35.0  
PTPPHBZ

## Also in the Series | Timer Connector System



Automotive Connector Caps & Covers (13)



Automotive Connector Locks & Position Assurance (15)



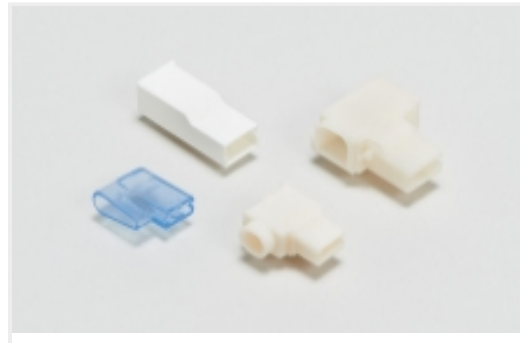
Automotive Housings (207)



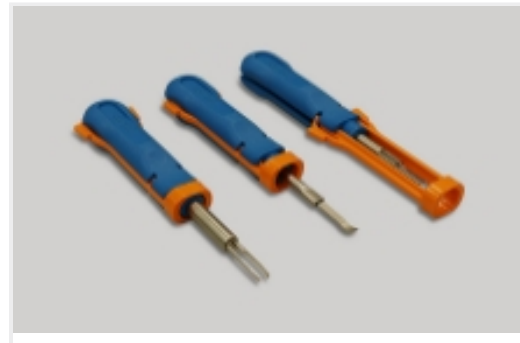
Automotive Terminals (110)



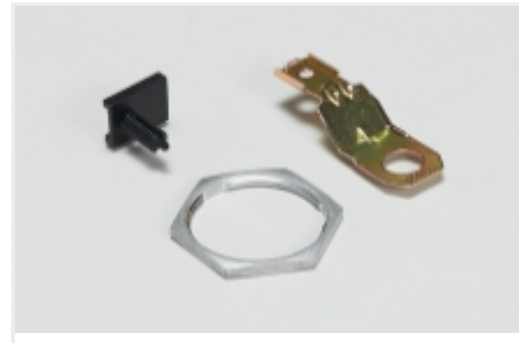
Connector Seals & Cavity Plugs (36)



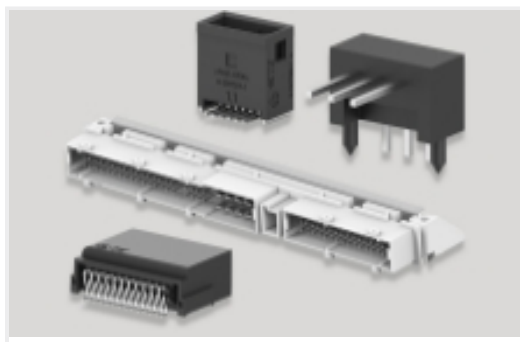
Crimp Terminal Housings (13)



Insertion & Extraction Tools (18)



Other Automotive Connector Accessories (1)



PCB Headers & Receptacles (40)

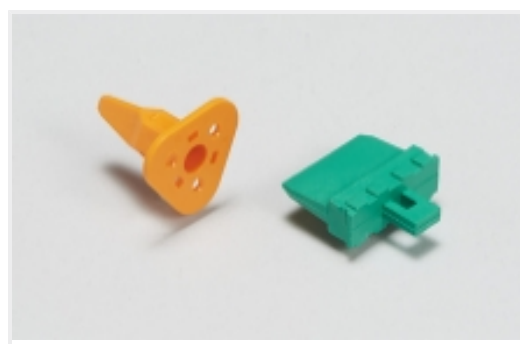


Quick Disconnects (4)

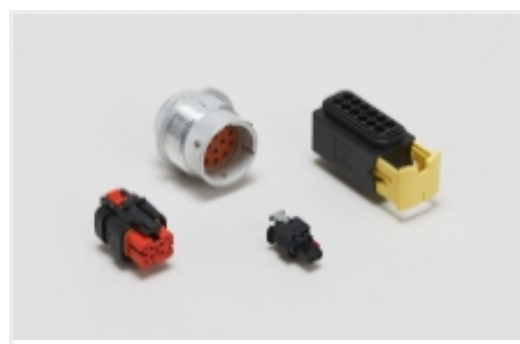
Also in the Series | **Junior Power Timer**



Automotive Connector Caps & Covers (9)



Automotive Connector Locks & Position Assurance (8)



Automotive Housings (306)



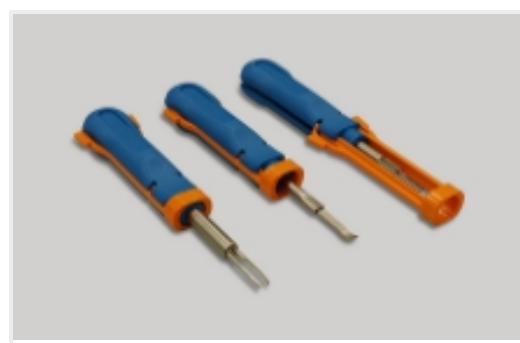
Automotive Terminals (153)



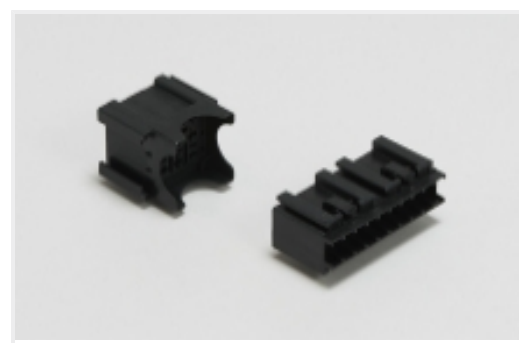
Busbars & Terminals (1)



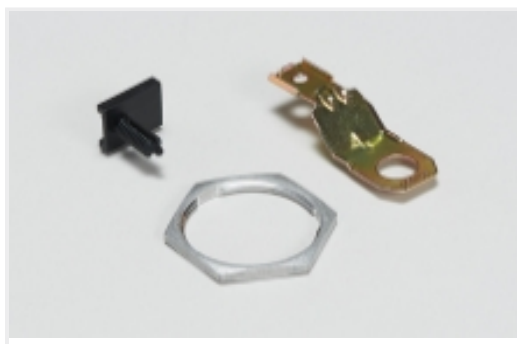
Connector Seals & Cavity Plugs (8)



Insertion & Extraction Tools (8)



Module Components (1)

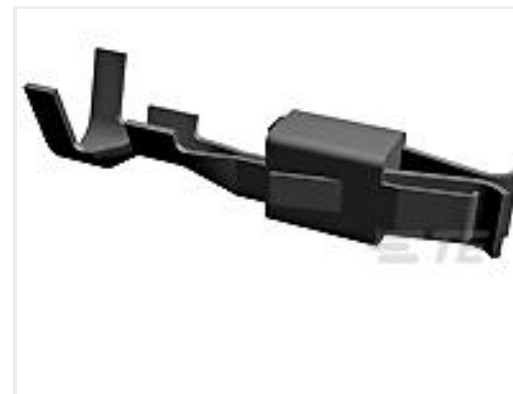


Other Automotive Connector Accessories(2)



Special Purpose Terminals(2)

## Customers Also Bought

TE Part #2-963217-1  
Timer Connector HousingTE Part #DTM04-08PD  
DEUTSCH DTM HousingsTE Part #929939-1  
JPT REC 2.8 Contact SWS SnTE Part #2363714-2  
REC CONN CVR ASSY,2POS,DT,  
180DEG

## Documents

### Product Drawings

[FLACHSTE-GEH2,8 16P](#)

English

### CAD Files

Customer View Model

[ENG\\_CVM\\_1-964449-1\\_B1.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_1-964449-1\\_B1.3d\\_stp.zip](#)

English

Customer View Model

[ENG\\_CVM\\_1-964449-1\\_B1.2d\\_dxf.zip](#)

English

### 3D PDF

English

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

### Instruction Sheets

[CONNECTEURS JPT ETANCHES A ETRIER POUR CONNEXIONS FIL A FIL PRECONISAT](#)

English

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

English