

282189-4

✓ ACTIVE

AMP | Timer Connector System

TE Internal #: 282189-4

Housing for Female Terminals, Wire-to-Wire, 2 Position, .196 in [5 mm] Centerline, Sealable, Green, Wire & Cable, Power, Timer Connector System

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Connectors > Automotive Connectors > Automotive Housing > Timer Connector Housing



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

Number of Positions: **2**

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

Centerline (Pitch): **5 mm [.196 in]**

Sealable: **Yes**

[All Timer Connector Housing \(525\)](#)

## Features

### Product Type Features

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

### Configuration Features

Number of Positions	2
Number of Rows	1

### Electrical Characteristics

Operating Voltage	24 VDC
Nominal Voltage Architecture	24 V

### Body Features

Cable Exit Angle	180°
Primary Product Color	Green
Connector & Keying Code	Neutral

### Contact Features

Contact Size	2.8mm
Contact Type	Receptacle
Mating Tab Width	3 mm [.118 in]
Contact Current Rating (Max)	20 A

### Mechanical Attachment

Terminal Position Assurance	Yes
Strain Relief	Without
Mating Alignment Type	Polarization Slot
Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)

### Housing Features

Housing Material	PA
Centerline (Pitch)	5 mm [.196 in]

### Dimensions

Connector Height	23.8 mm [.937 in]
Product Width	22 mm [.866 in]
Product Length	37.5 mm [1.476 in]

### Usage Conditions

Operating Temperature (Max)	70 °C, 75 °C, 80 °C, 85 °C, 90 °C, 100 °C, 105 °C, 110 °C, 120 °C, 125 °C [158 °F][167 °F][176 °F][185 °F][194 °F][212 °F][221 °F][230 °F][248 °F][257 °F]
Operating Temperature Range	-30 – 125 °C [-22 – 257 °F]

### Operation/Application

Circuit Application	Power
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### Packaging Features

Packaging Method	Bag
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### Other

Serviceable	No
Connector Position Assurance Capable	No

## Product Compliance

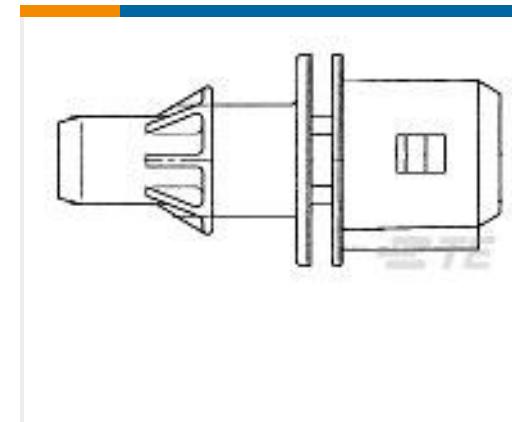
For compliance documentation, visit the product page on [TE.com](http://TE.com)>

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 2023 (235) Candidate List Declared Against: JUNE 2023 (235) 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 # 828905-1 SINGLE-WIRE-SEAL(5MM HOLE)	TE Part # 828906-2 BLINDSTOPFEN 1,5SYS	TE Part # CAT-T4827-T273 TIMER, RECEPTACLE AND TAB	TE Part # 106462-1 2P.FASTIN-ON HSG.
			
TE Part # 828904-1 SINGLE WIRE SEAL FOR J.P.T.CON	TE Part # 282536-1 S.WAY SEAL F.JPT CONTACT 2.5MM	TE Part # 828906-1 CAVITY PLUG (5MM HOLE)	

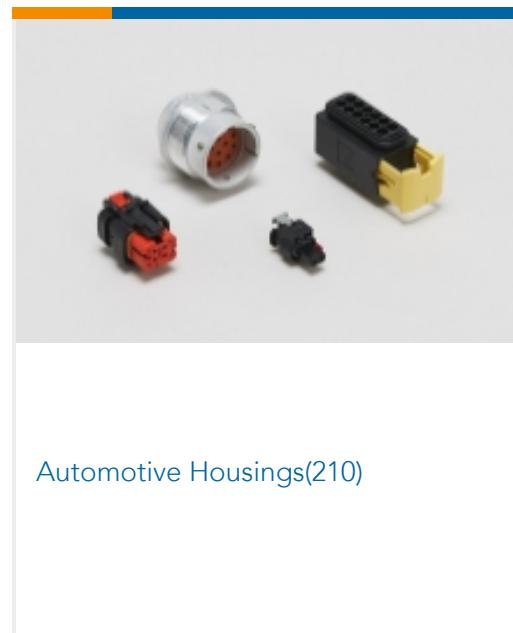
## Also in the Series | Timer Connector System



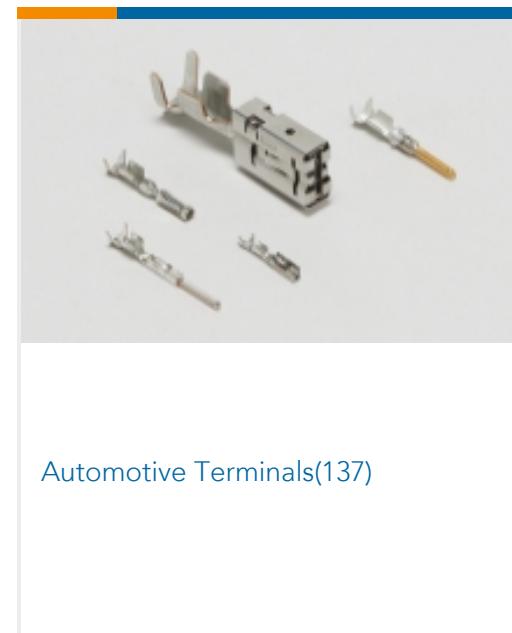
Automotive Connector Caps &amp; Covers (10)



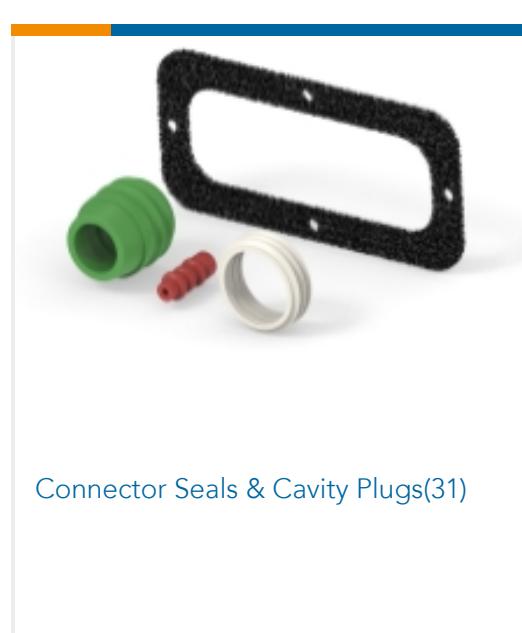
Automotive Connector Locks &amp; Position Assurance(14)



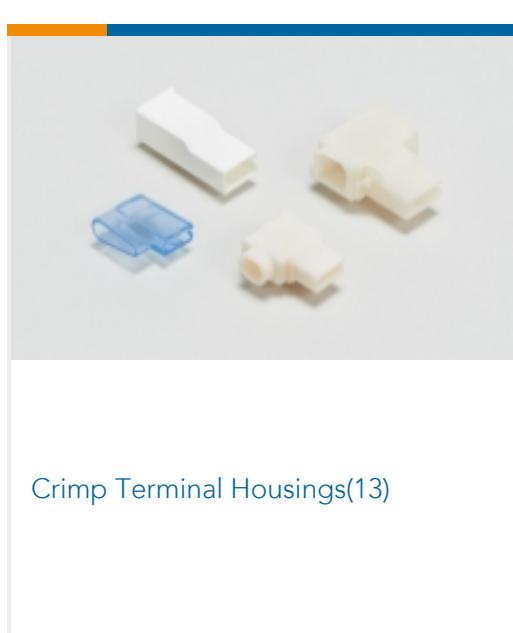
Automotive Housings(210)



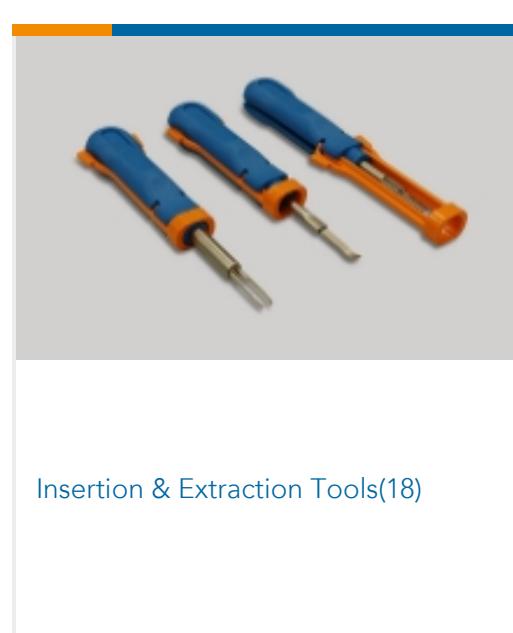
Automotive Terminals(137)



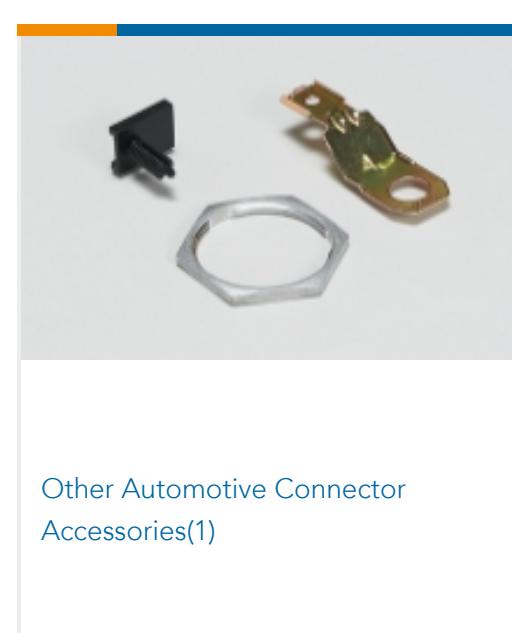
Connector Seals &amp; Cavity Plugs(31)



Crimp Terminal Housings(13)



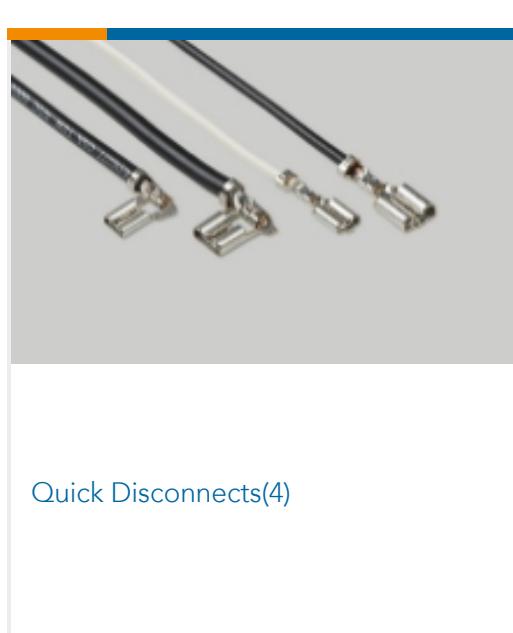
Insertion &amp; Extraction Tools(18)



Other Automotive Connector Accessories(1)

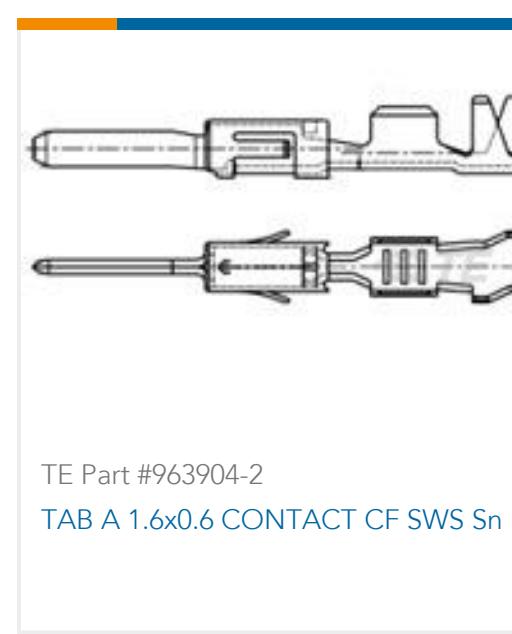


PCB Headers &amp; Receptacles(77)



Quick Disconnects(4)

## Customers Also Bought

TE Part #2-1355668-2  
Timer Connector HousingTE Part #180453-2  
FF 312 REC 1-2.5MM2 TPBRTE Part #178411-6  
80P PLUG HSG ASSY FOR 120P ECUTE Part #963904-2  
TAB A 1.6x0.6 CONTACT CF SWS SnTE Part #100284-1  
2P.4MM SOCK.ASS.M27TE Part #962835-1  
FF 374 REC 1-2.5 MM2 PLAIN CUSN4TE Part #964285-2  
JPT A REC 2.8 Contact SRC Sn (LP)TE Part #342452-2  
5 WAY RELAY BASE.BLACK

## Documents

### Product Drawings

#### SPLASH PROOF CONN. W.S.L.

English

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### CAD Files

#### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_282189-4\\_M\\_c-282189-4-m.2d\\_dxf.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_282189-4\\_M\\_c-282189-4-m.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_282189-4\\_M\\_c-282189-4-m.3d\\_stp.zip](#)

English

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### Datasheets & Catalog Pages

#### Timer Interconnection System

English

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### Product Specifications

#### Product Specification

English

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### Instruction Sheets

#### 2-7 positions junior power timer splash proof connectors

English

#### Instruction Sheet (non U.S.)

English