

521986-1 ✓ ACTIVE

Timer Connector System

TE Internal #: 521986-1

Crimp Terminal Housings, Receptacle, Receptacle, 10 Position, Straight, UL 94V-2, Natural, Nylon, Contact Mating Retention, Timer Connector System

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Terminals & Splices > Terminal Housings, Insulation Sleeves & Blocks > Crimp Terminal Housings



Terminal Type: **Receptacle**

Connector & Housing Type: **Receptacle**

Number of Positions: **10**

Terminal Orientation: **Straight**

UL Flammability Rating: **UL 94V-2**

### Features

#### Product Type Features

Sealable	No
Connector System	Wire-to-Wire
Connector & Housing Type	Receptacle

#### Configuration Features

Number of Positions	10
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#### Body Features

Primary Product Color	Natural
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#### Contact Features

Terminal Type	Receptacle
Terminal Orientation	Straight
Contact Mating Retention	With

#### Mechanical Attachment

Mating Alignment Type	Polarization
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Mating Retention Type	Latch
Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)

### Housing Features

Housing Material	Nylon
Centerline (Pitch)	5.59 mm[.22 in]

### Dimensions

Product Width	12.94 mm[.509 in]
Product Length	57.74 mm[.439 in]

### Usage Conditions

Operating Temperature Range	-40 – 105 °C[-40 – 221 °F]
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### Industry Standards

UL Flammability Rating	UL 94V-2
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### Packaging Features

Packaging Quantity	1
Packaging Method	Carton

## 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 2023 (235) Candidate List Declared Against: JUNE 2023 (235) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
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 # 521085-1  
DRYER .250 HOUSING NYLON 6/6



TE Part # 770199-1  
TIMER CONNECTOR 18P HSG R/H BK NYLON6/6



TE Part # 521190-2  
PLUG 3 POS 125 HOUSING NYLON 6 /6



TE Part # 521190-4  
PLUG 5 POS 125 HOUSING NYLON 6 /6



TE Part # 521152-2  
PLUG 4 CIR 125 HOUSING NYLON 66 /6



TE Part # 770198-1  
TIMER CONNECTOR 24P HSG L/H NAT PA66



TE Part # 1-770197-2  
TIMER CONNECTOR 24P HSG R/H NAT PA66 V-0



TE Part # 521073-2  
PLUG .125 HOUSING NYLON 66/6



TE Part # 521116-2  
MOTOR HOUSING HOUSING NYLON VO BLACK




TE Part # 521163-2  
POWER BLADE HSG 12P NYLON BLACK



TE Part # 521165-1  
MOTOR HOUSING HOUSING BLACK NYLON 6/6


## Also in the Series | Timer Connector System



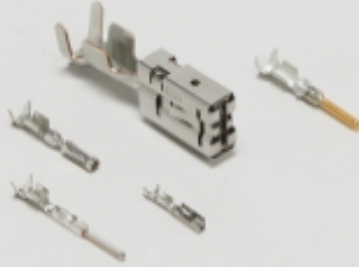
Automotive Connector Caps & Covers (12)



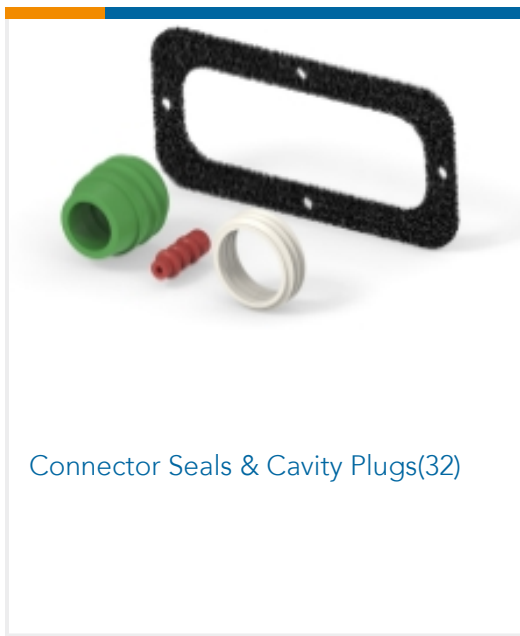
Automotive Connector Locks & Position Assurance(17)



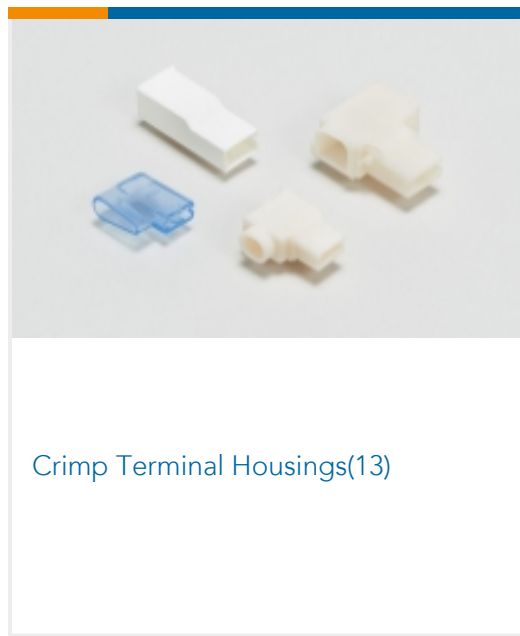
Automotive Housings(237)



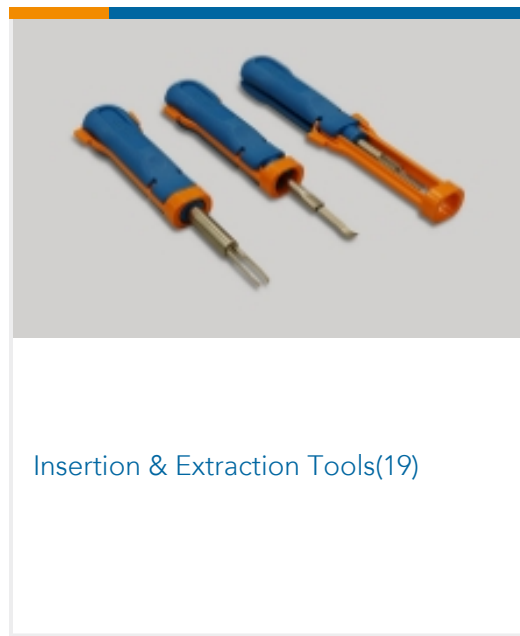
Automotive Terminals(145)



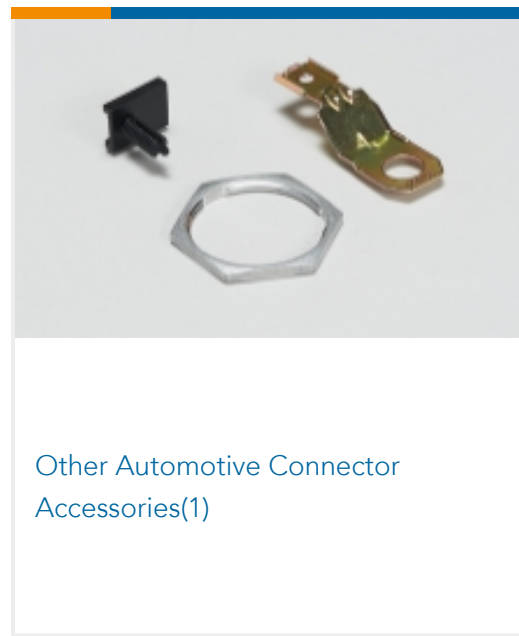
Connector Seals & Cavity Plugs(32)



Crimp Terminal Housings(13)



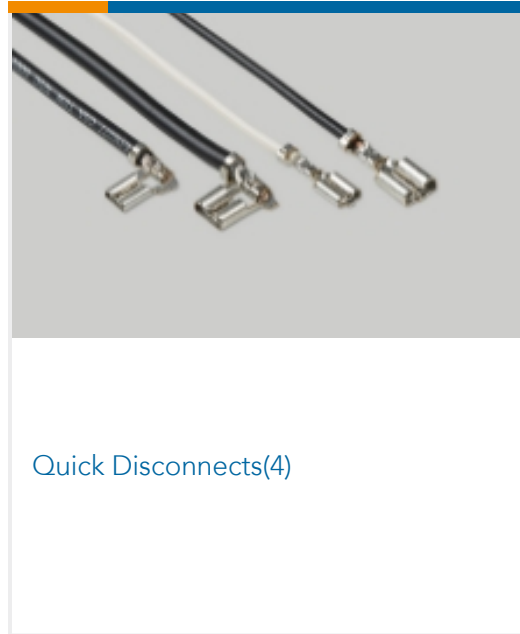
Insertion & Extraction Tools(19)



Other Automotive Connector Accessories(1)



PCB Headers & Receptacles(82)



Quick Disconnects(4)

## Customers Also Bought



TE Part #2005250-9  
PDL 3P CAP 3.96 P/M(GWT) BLK



TE Part #1969453-1  
POSITIVE LOCK 250 HOUSING RECEPTACLE



TE Part #1-2352002-7  
7P MONOPLUG 2.5 SELECTIVELY LOADED



TE Part #1-456411-0  
CRIMPER WIRE .140 F



TE Part #2-1333217-1  
ANVIL, END FEED (.090)



TE Part #2324841-1  
PDL 3.96MM CAP HOUSING 9 POS ,F /H



TE Part #368588-1  
PDL 6P CAP 3.96 D/R P/M(GWT) N



TE Part #4-662185-4  
ANVIL, COMBINATION .070



TE Part #5-1534072-5  
MULTIFITTING MK2 ASSY TAB AR 10



TE Part #2331088-1  
250 PL MII HSG.,REC.,13MM 2P, NATURAL

## Documents





### Product Drawings

#### POWER BLADE HSG 10P NYLON NATURAL

English

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### CAD Files

#### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_521986-1\\_D\\_c-521986-1-d.2d\\_dxf.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_521986-1\\_D\\_c-521986-1-d.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_521986-1\\_D\\_c-521986-1-d.3d\\_stp.zip](#)

English

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

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### Product Specifications

#### Application Specification

English

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### Product Environmental Compliance

#### TE Material Declaration

English

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### Agency Approvals

#### UL Report

English