



Connectors > Automotive Connectors > Automotive Housings > Timer Connector Housing



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

Number of Positions: 7

Connector & Housing Type: Housing for Male Terminals

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

Sealable: Yes

[All Timer Connector Housing \(519\)](#)

Features

Product Type Features

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

Configuration Features

Number of Positions	7
Number of Rows	1

Electrical Characteristics

Operating Voltage	24 VDC
Nominal Voltage Architecture	24 V

Body Features

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



Contact Features

Contact Size	2.8mm
Contact Type	Tab
Contact Current Rating (Max)	20 A

Mechanical Attachment

Terminal Position Assurance	No
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	38.2 mm[1.504 in]
Product Width	24.5 mm[.965 in]
Product Length	50 mm[1.969 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
---------------------	-------

Industry Standards

Degree of Protection	IP54K
----------------------	-------

Packaging Features

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

Other

Serviceable	Yes
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: JAN 2024 (240) Candidate List Declared Against: JAN 2021 (211) 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



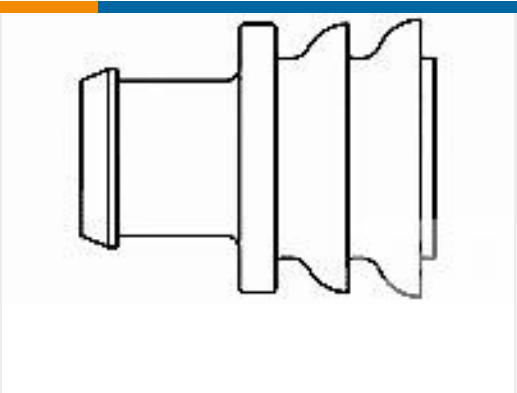
TE Part # 828905-1
SINGLE-WIRE-SEAL(5MM HOLE)



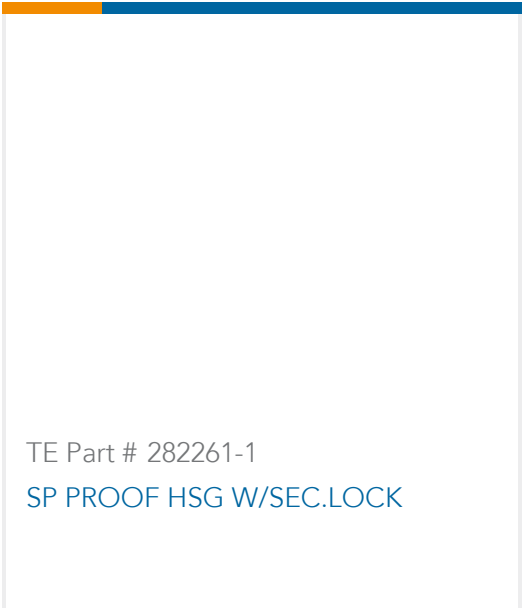
TE Part # CAT-T4827-T273
TIMER, RECEPTACLE AND TAB



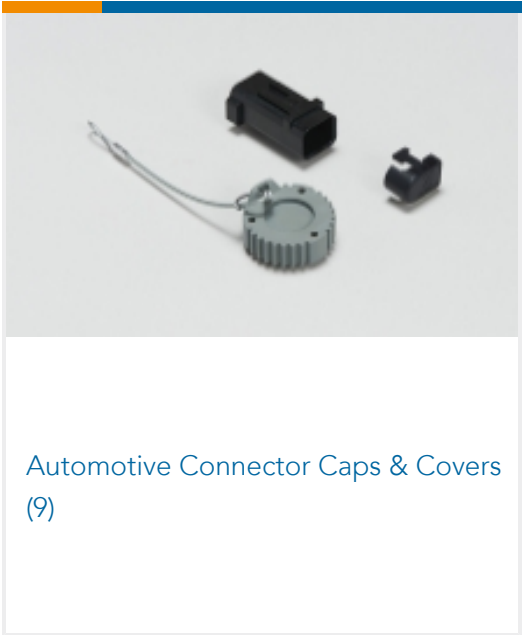
TE Part # 828904-1
SINGLE WIRE SEAL FOR J.P.T.CON



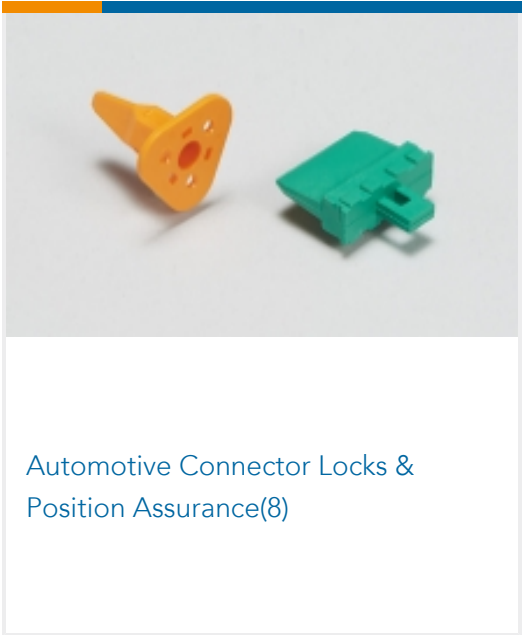
TE Part # 282536-1
S.WAY SEAL F.JPT CONTACT 2.5MM



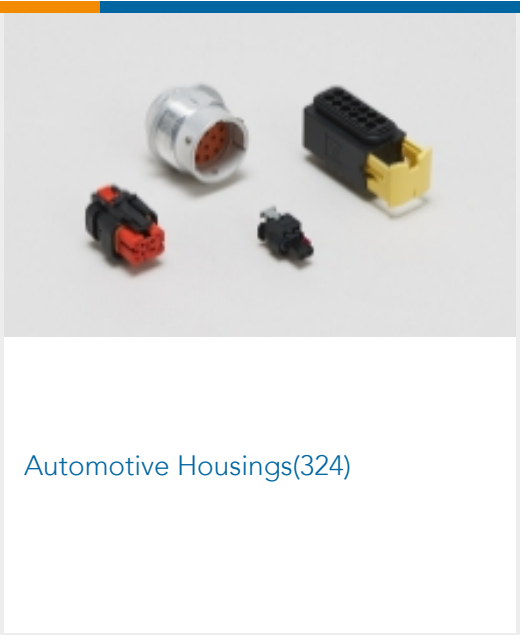
Also in the Series | Junior Power Timer



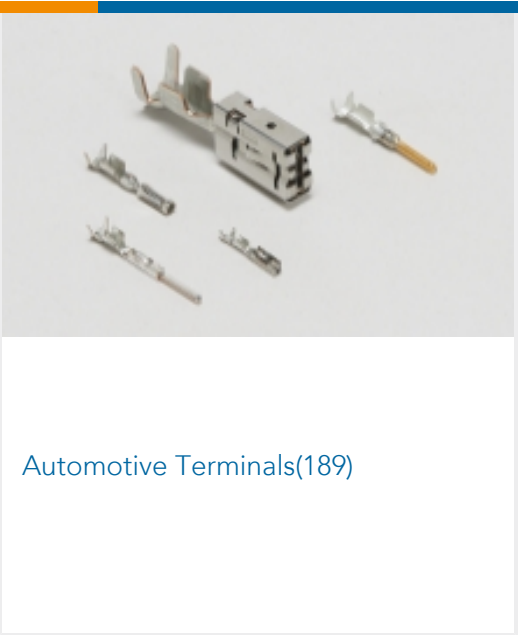
Automotive Connector Caps & Covers (9)



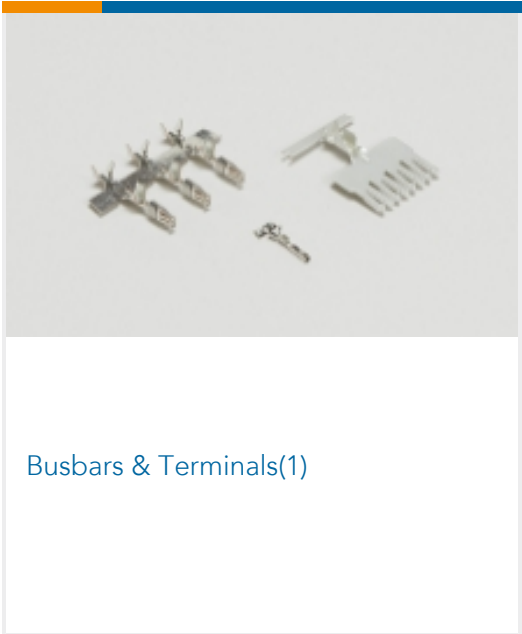
Automotive Connector Locks & Position Assurance(8)



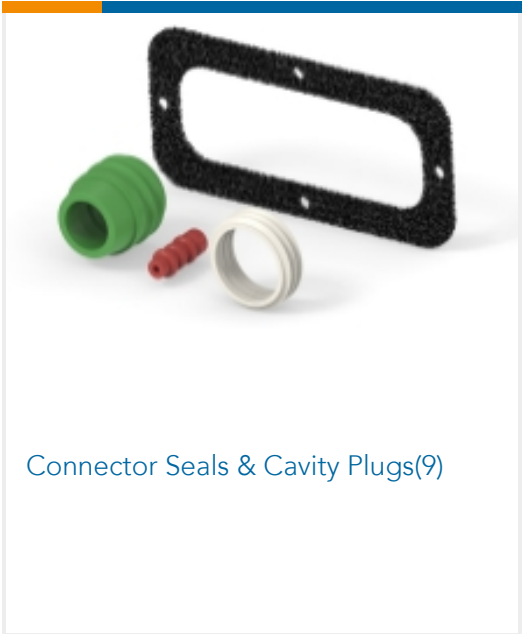
Automotive Housings(324)



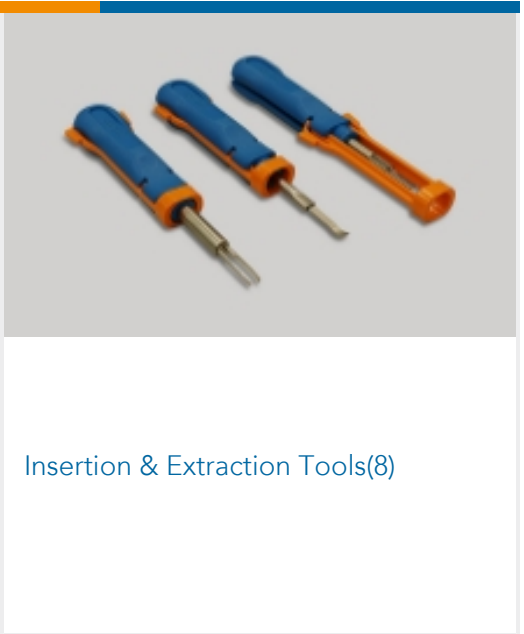
Automotive Terminals(189)



Busbars & Terminals(1)



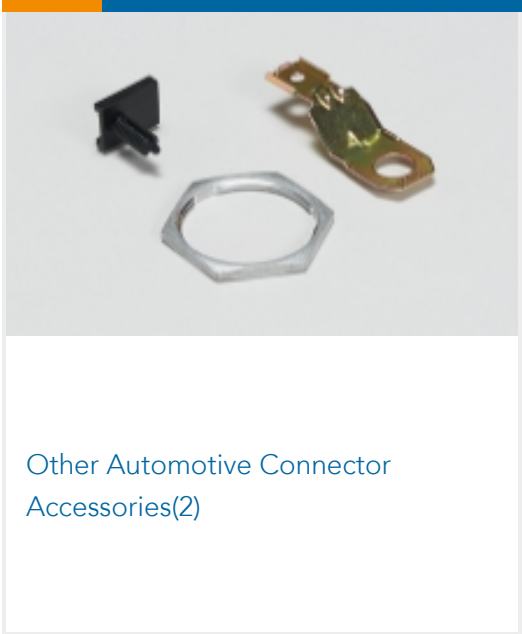
Connector Seals & Cavity Plugs(9)



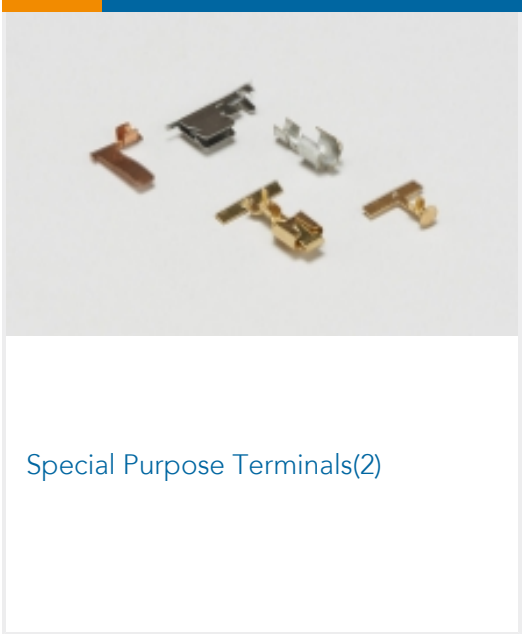
Insertion & Extraction Tools(8)



Module Components(4)



Other Automotive Connector Accessories(2)

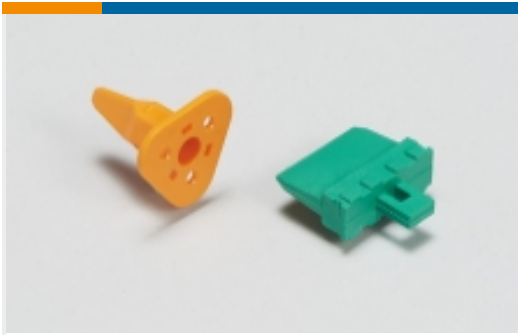


Special Purpose Terminals(2)

Also in the Series | Timer Connector System



Automotive Connector Caps & Covers (14)



Automotive Connector Locks & Position Assurance(15)



Automotive Housings(217)



Automotive Terminals(136)



Connector Seals & Cavity Plugs(31)



Crimp Terminal Housings(13)



Insertion & Extraction Tools(18)



Other Automotive Connector Accessories(1)



PCB Headers & Receptacles(77)



Quick Disconnects(4)

Customers Also Bought



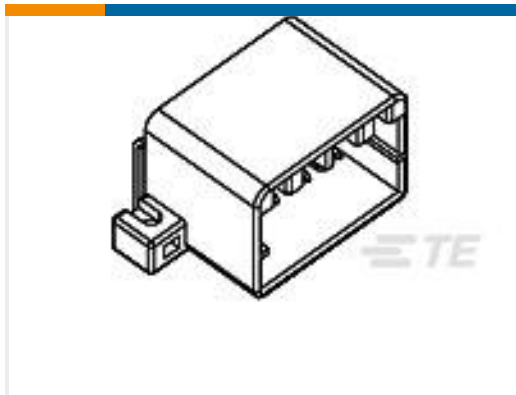
TE Part # 282190-1
Timer Connector Housing



TE Part # 42752-2
RING CRIMP 16-14 AWG TPBR



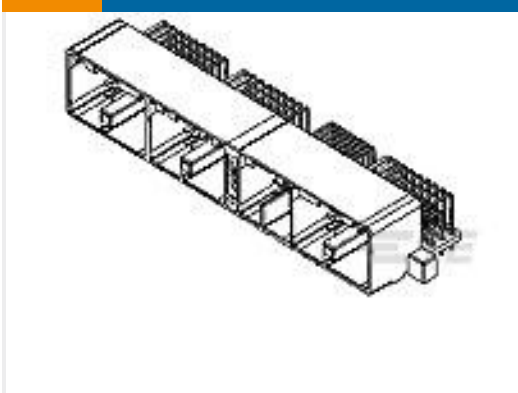
TE Part # 485029-1
RING 18-14 AWG TPBR



TE Part # 175615-2
.040 MLC 16P CAP ASSY



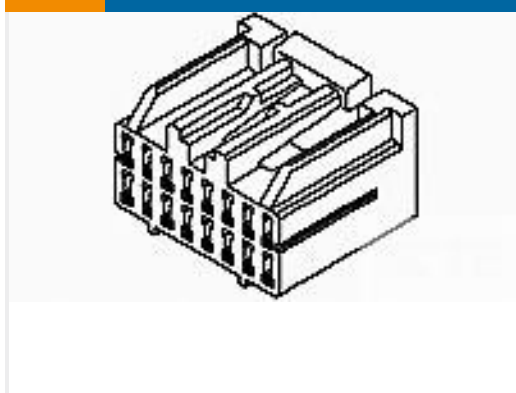
TE Part # 175027-6
070 MLC REC CONT LP



TE Part # 179686-6
040/070-2 HD HYB CAP ASSY 104P



TE Part # 964285-2
JPT A REC 2.8 Contact SRC Sn (LP)



TE Part # 179678-6
04/07-2 HD HYBRID PLUG ASY 16P

Documents



Product Drawings

SPLASH PROOF CONN. W.S.L.

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_282194-1_M_c-282194-1-m.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_282194-1_M_c-282194-1-m.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_282194-1_M_c-282194-1-m.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

2-7 positions junior power timer splash proof connectors

English

Instruction Sheet (non U.S.)

English

2-7 positions Junior Power Timer splash proof connectors (english version)

English

Instruction Sheet (non U.S.)

English