



Connectors > Automotive Connectors > Automotive Housings > Timer Connector Housing



Number of Positions: 2

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

Mating Tab Width: **3 mm [.118 in]**

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

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

[All Timer Connector Housing \(449\)](#)

Features

Dimensions

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

Packaging Features

Packaging Method	Bag
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Mechanical Attachment

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

Other

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



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

Housing Features

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

Contact Features

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

Product Type Features

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

Configuration Features

Number of Positions	2
Number of Rows	1

Usage Conditions

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

Operation/Application



Circuit Application	Power
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Product Compliance

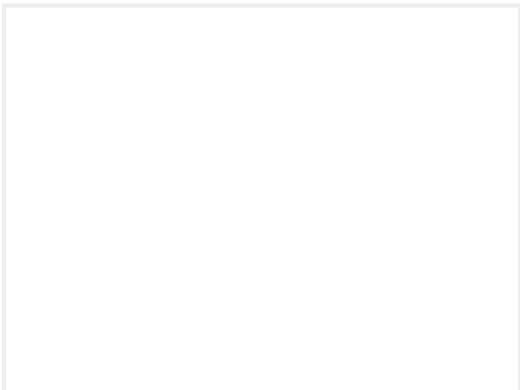
For compliance documentation, visit the product page on TE.com>

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



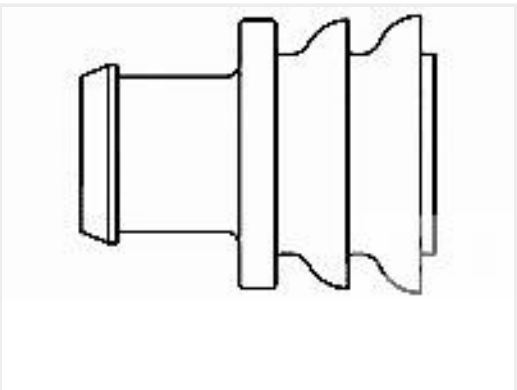
TE Part # 282257-1
SP PROOF HSG W/SEC.LOCK



TE Part # 828906-2
BLINDSTOPFEN 1,5SYS



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



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





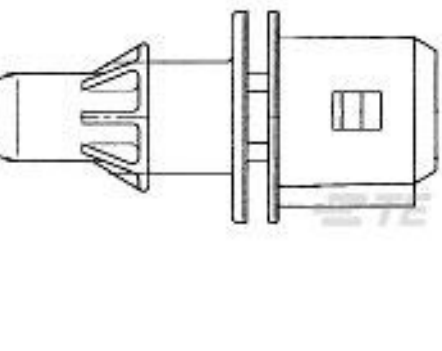
TE Part # 828904-1
SINGLE WIRE SEAL FOR J.P.T.CON



TE Part # 828906-1
CAVITY PLUG (5MM HOLE)



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

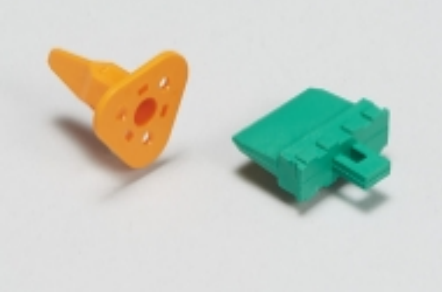


TE Part # 106462-1
2P.FASTIN-ON HSG.

Also in the Series | Junior Power Timer



Automotive Connector Caps & Covers
(11)



Automotive Connector Locks &
Position Assurance(15)



Automotive Housings(195)



Automotive Terminals(110)



Busbars & Terminals(1)



Insertion & Extraction Tools(18)



Module Components(1)



Other Automotive Connector
Accessories(1)

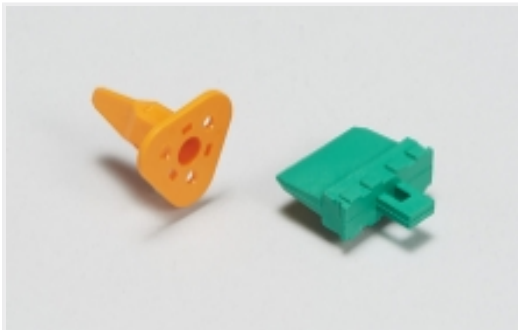


Special Purpose Terminals(2)

Also in the Series | Timer Connector System



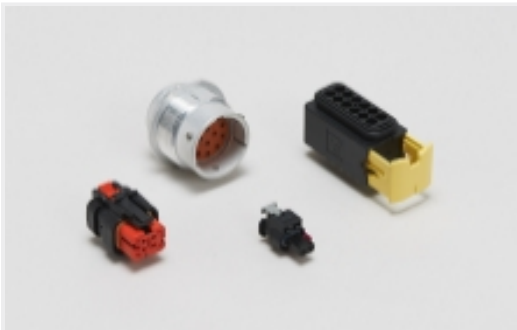
Automotive Connector Caps & Covers
(11)



Automotive Connector Locks &
Position Assurance(15)



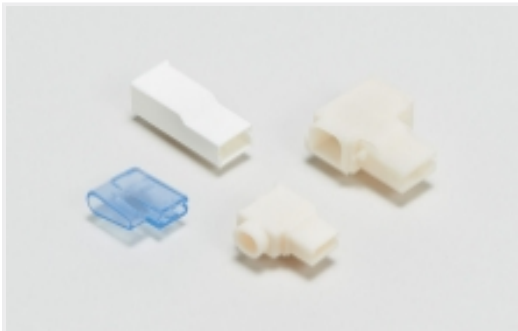
Automotive Headers(19)



Automotive Housings(195)



Connector Seals & Cavity Plugs(36)



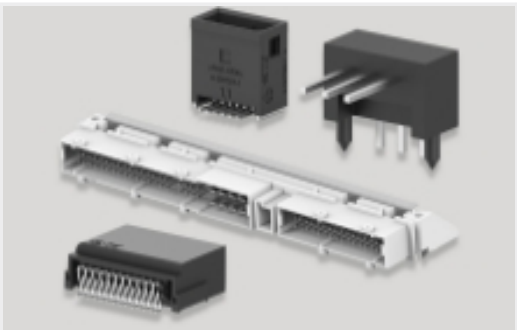
Crimp Terminal Housings(13)



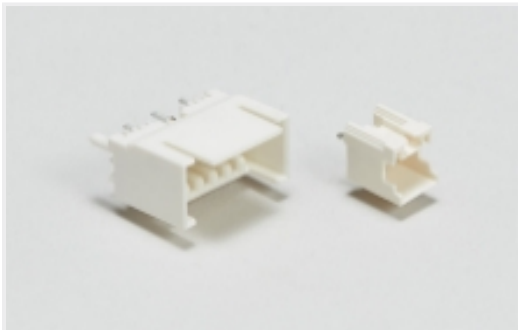
Insertion & Extraction Tools(18)



Other Automotive Connector
Accessories(1)



PCB Headers & Receptacles(19)



Wire-to-Board Headers & Receptacles
(19)

Customers Also Bought



TE Part #2338360-1
2P ECONOSEAL RECEPTACLE ASSY



TE Part #5-968221-1
MQS0,63 Sn rec CB unseal. 0,5-0,75



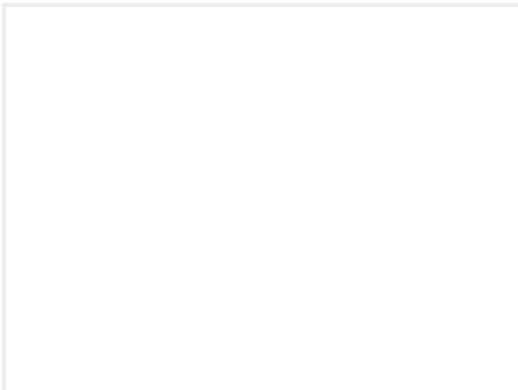
TE Part #2066010-1
2P SUPERSEAL 1.5 SRS PLUG ASSY
BLACK



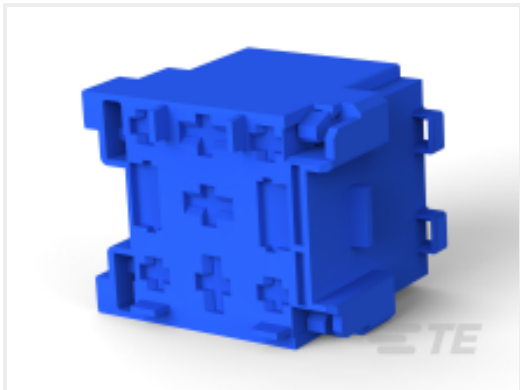
TE Part #2327727-1
RECEPTACLE ASSY OBD 6 POS SLD
CONNECTOR



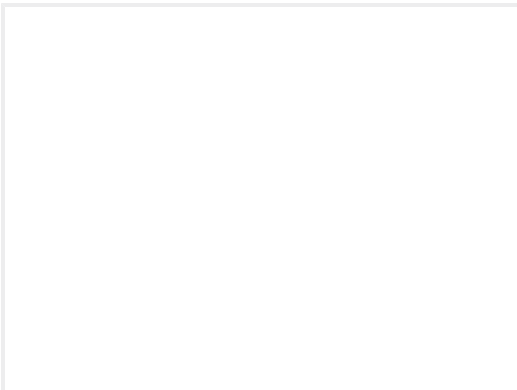
TE Part #1-929939-1
JPT REC 2.8 Contact SWS Au



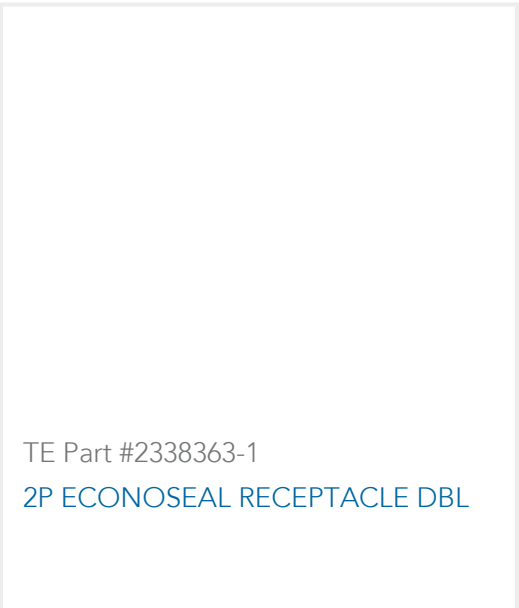
TE Part #2428313-2
32POS,MQS,REC HSG ASSY,CMC
SEAL PROTECT



TE Part #282435-5
RELAY HSG.W.SEC.LOCK.ASSY9 POS



TE Part #2396821-2
COVER,16P DUST



Documents

Product Drawings

SPLASH PROOF CONN. W.S.L.

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_282189-1_M_c-282189-1-m.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_282189-1_M_c-282189-1-m.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_282189-1_M_c-282189-1-m.3d_stp.zip

English

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

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