282762-1 ✔ ACTIVE

AMP | Junior Power Timer

TE Internal #: 282762-1

Housing for Female Terminals, Wire-to-Board / Wire-to-Device, 2 Position, .196 in [5 mm] Centerline, Sealable, Black, Wire & Cable, Junior Power Timer

View on TE.com >

Connectors > Automotive Connectors > Automotive Housings > Timer Connector Housing



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

Number of Positions: **2**

Connector & Housing Type: **Housing for Female 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 Female Terminals
Sealable	Yes
Connector & Contact Terminates To	Wire & Cable
Primary Locking Feature	Integrated in Housing

Configuration Features

Number of Positions	2
Number of Rows	1

Electrical Characteristics

Operating Voltage	24 VDC
Nominal Voltage Architecture	12 V, 24 V

Body Features

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

Contact Features

Contact Size	2.8mm
Contact Type	Receptacle
Mating Tab Width	2.8 mm[.11 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	37.5 mm[1.476 in]
Product Width	22 mm[.866 in]
Product Length	23.4 mm[.921 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

Packaging Features

Packaging Method	Bag

Other

Serviceable	No
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 2024 (240) 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



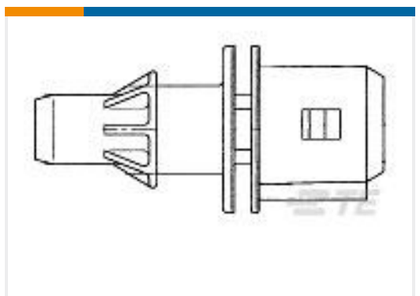
TE Part # 828905-1
SINGLE-WIRE-SEAL(5MM HOLE)



TE Part # 828906-2
BLINDSTOPFEN 1,5SYS



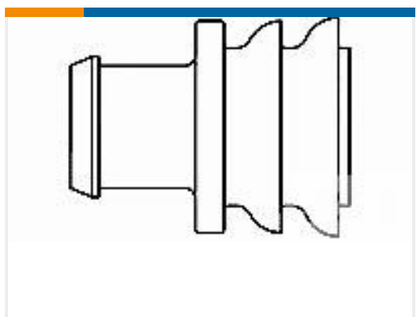
TE Part # CAT-T4827-T273
TIMER, RECEPTACLE AND TAB



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)

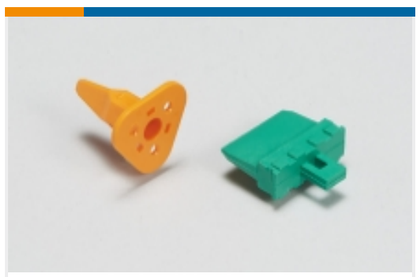
TE Part # 282351-1
SPLASH PROOF CONN.

TE Part # 282755-1
HSG 2P SPLASH PROOF

Also in the Series | Junior Power Timer



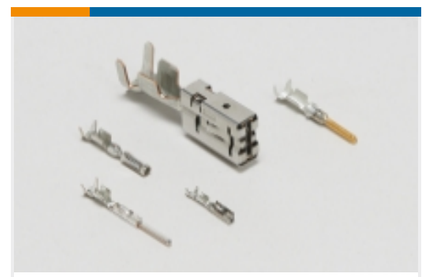
Automotive Connector Caps & Covers (9)



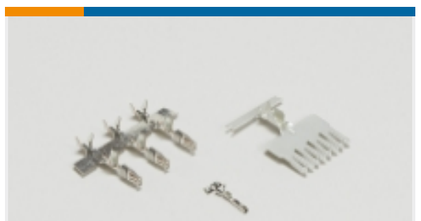
Automotive Connector Locks & Position Assurance(8)



Automotive Housings(324)



Automotive Terminals(189)



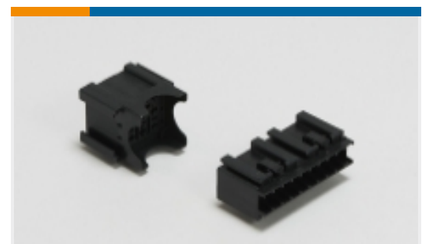
Busbars & Terminals(1)



Connector Seals & Cavity Plugs(9)



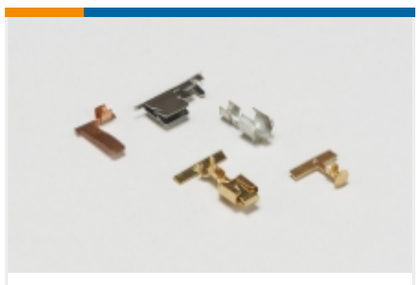
Insertion & Extraction Tools(8)



Module Components(4)

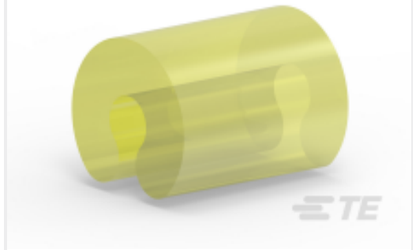


Other Automotive Connector Accessories(2)



Special Purpose Terminals(2)

Customers Also Bought



TE Part # 7907156001
RBK-ESS-CLIP-1.5-X-8MM



TE Part # 1981341-2
2.3 UNSEALED TW REC.CONTACT



TE Part # 282684-1
Timer Connector Housing



TE Part # 284848-2
12 POS MCP HYBRID FEMALE CONN



TE Part # 2151426-2
OCEAN_2.0_APPLICATOR-S-140F210O-RSA



TE Part # 2236046-8
32POS, MIXED, MALE CONN., CLIP2, COD B



TE Part # 2301724-6
16POS,060 SERIES,REC HSG,UNSLD



TE Part # CKA267N00450026000
940 EXTENSION, SPEEDTEC



TE Part # 364213-E
SRCBUG A 2,54 2 3 CSI 163 E1 ADV J 2 324

Documents

CAD Files

3D PDF

3D

Customer View Model
ENG_CVM_CVM_282762-1_E_c-282762-1-e.2d_dxf.zip

English

Customer View Model
ENG_CVM_CVM_282762-1_E_c-282762-1-e.3d_igs.zip

English

Customer View Model
ENG_CVM_CVM_282762-1_E_c-282762-1-e.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditionsof use.

Datasheets & Catalog Pages

Timer Interconnection System

English

Product Specifications

Product Specification

English

Instruction Sheets

Instruction Sheet (non U.S.)

English

2-7 Position Junior Power Timer Splash Proof Fem. Connector

English