



Connectors > Automotive Connectors > Connector Housings > TIMER, CONNECTOR HOUSING



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

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

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

Number of Positions: **7**

Centerline (Pitch): **5 mm [.197 in]**

[All TIMER, CONNECTOR HOUSING \(538\)](#)

Features

Product Type Features

Connector & Housing Type	Housing for Male Terminals
Connector System	Wire-to-Board, Wire-to-Device
Sealable	Yes
Hybrid Connector	No
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	12 V, 24 V

Body Features

Cable Exit Angle	180°
Body Material	PA
Primary Product Color	Black

Contact Features

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Mating Tab Width	3 mm[.118 in]
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Mechanical Attachment

Mounting Feature	Without
Terminal Position Assurance	No
Strain Relief	No
Mating Alignment Type	Polarized

Housing Features

Centerline (Pitch)	5 mm[.197 in]
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Dimensions

Product Width	24.5 mm[.965 in]
Product Length	50 mm[1.969 in]
Product Height	38.2 mm[1.504 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	Signal
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Industry Standards

Degree of Protection	IP54K
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Packaging Features

Packaging Method	Bag
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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 2021 (211)
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



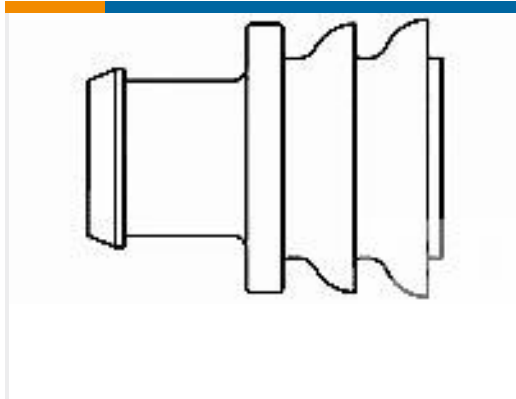
TE Part # 828904-1
SINGLE WIRE SEAL FOR J.P.T.CON



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



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

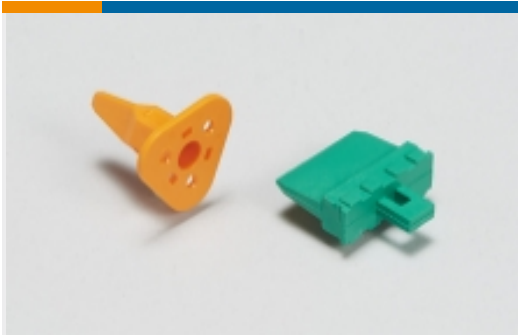


TE Part # 282536-1
S.WAY SEAL F.JPT CONTACT 2.5MM

Also in the Series | Timer Connector System



Automotive Connector Caps & Covers (11)



Automotive Connector Locks & Position Assurance(16)



Automotive Headers(79)



Automotive Housings(212)



Automotive Seals & Cavity Plugs(31)



Automotive Terminals(143)



Crimp Terminal Housings(13)



Insertion & Extraction Tools(20)



Other Automotive Connector Accessories(1)



Quick Disconnects(4)

Customers Also Bought



TE Part #1-967628-2
TIMER, CONNECTOR HOUSING



TE Part #1418985-2
TIMER ACCESSORIES



TE Part #1-1718491-1
AMP MCP, UNSEALED CONNECTOR HOUSING



TE Part #1718329-1
LEAVYSEAL MOUNTING ACCESSORIES



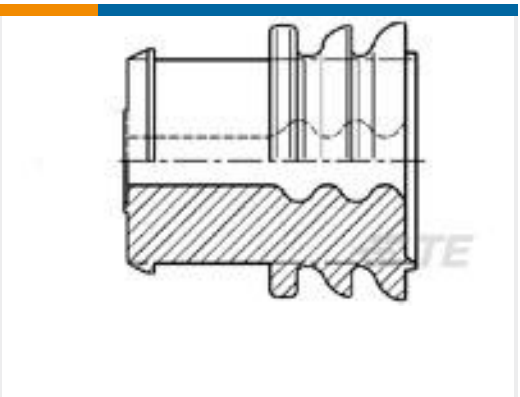
TE Part #1-1718485-1
AMP MCP BACKSHELLS



TE Part #1-967590-1
AMP MCP, RECEPTACLE AND TAB



TE Part #969022-1
TIMER, RECEPTACLE AND TAB



TE Part #100132-1
CAVITY PLUG

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