282193-1 ✔ ACTIVE

AMP | Junior Power Timer, Timer Connector System

TE Internal #: 282193-1

24 V, 5 Position, Automotive Housing for Female Terminals, Wire-to-Board, 5 mm [.197 in] Centerline, Black, Wire & Cable, Power, Hybrid

View on TE.com >

Automotive Parts > Automotive Connectors > Automotive Housings > Timer Connector Housing







Nominal Voltage Architecture: **24 V**

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

Number of Positions: **5**

Sealable: **No**

Operating Temperature Range: **-40 – 130 °C [-40 – 266 °F]**

All Timer Connector Housing (436)

Features

Product Type Features

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

Configuration Features

Number of Positions	5
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

Contact Features

Contact Size	2.8mm
Contact Type	Receptacle
Mating Tab Width	2.8 mm[.11 in]
Contact Current Rating (Max)	20 A, 30 A

Mechanical Attachment

Strain Relief	Without
Terminal Position Assurance	No
Mating Alignment Type	Polarizing Slot
Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Housing Material	PA 6.6
Centerline (Pitch)	5 mm[.197 in]

Dimensions

Product Width	38.2 mm[1.504 in]
Product Length	40.4 mm[1.591 in]
Connector Height	24.5 mm[.965 in]

Usage Conditions

Operating Temperature Range	-40 – 130 °C[-40 – 266 °F]
Operating Temperature (Max)	130 °C[266 °F]

Operation/Application

Circuit Application	Power

Industry Standards

IP Rating	IP54K

Packaging Features

Packaging Quantity	150

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	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) 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 # CAT-T4827-T273
TIMER, RECEPTACLE AND TAB

TE Part # 282624-1
SEALING SPLASH PROOF CONN



TE Part # 828906-2
BLINDSTOPFEN 1,5SYS



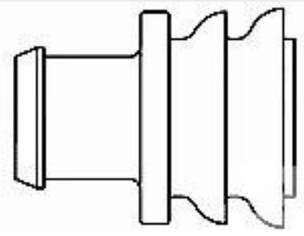
TE Part # 828905-1
SINGLE-WIRE-SEAL(5MM HOLE)



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



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

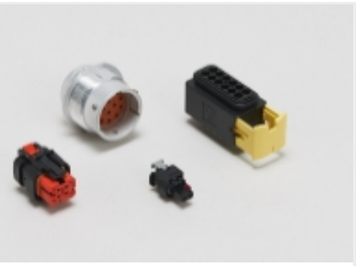


TE Part # 282536-1
S.WAY SEAL F.JPT CONTACT 2.5MM

Also in the Series | Junior Power Timer



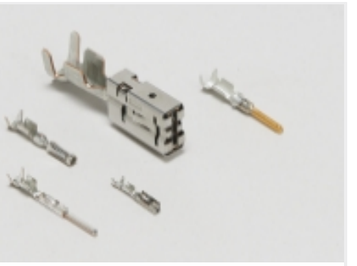
Automotive Connector Caps & Covers (12)



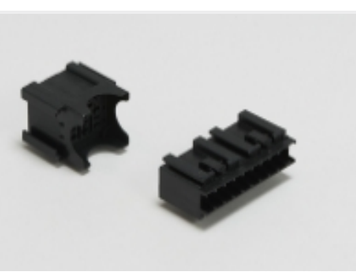
Automotive Housings(186)



Automotive Seals & Cavity Plugs(32)



Automotive Terminals(110)

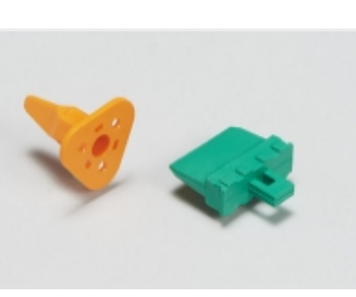


Module Components(1)



Special Purpose Terminals(2)

Also in the Series | Timer Connector System



Automotive Connector Locks & Position Assurance(15)



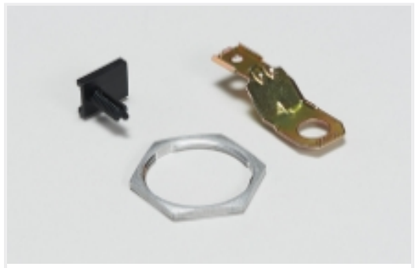
Automotive Housings(186)



Automotive Seals & Cavity Plugs(32)



Automotive Signal & Power Connector Housings(136)



Other Automotive Connector Accessories(1)

Customers Also Bought



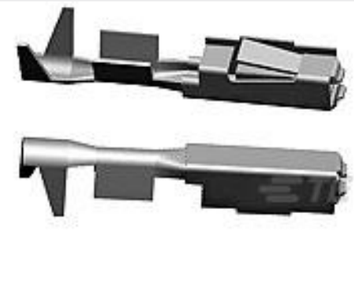
TE Part #CAT-H3930-CH8172
DEUTSCH HD30 Housings



TE Part #CAT-T4827-CH8172
Timer Connector Housing



TE Part #928962-4
FF 250 TAB 17-13 AWG .016 TPBR



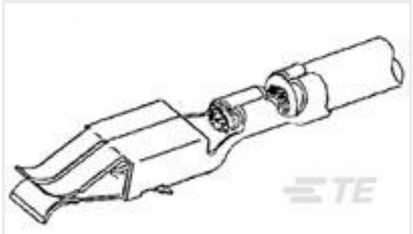
TE Part #968075-2
MPQ2,8 Sn rec LL unseal. >1-2,5



TE Part #4-1393211-6
T92P11A22-277



TE Part #W4SC
WEDGE LOCK, 4P, PLG, GRN, STD, DT, C



TE Part #170209-1
MINI SPRING REC

Documents

Product Drawings

SPLASH PROOF CONN. W.S.L.

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_282193-1_N_c-282193-1-n.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_282193-1_N_c-282193-1-n.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_282193-1_N_c-282193-1-n.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

Connecteurs 2, 3 et 5 Voies Etanches Junior Power Timer

English

Product Specification

English

Instruction Sheets

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

English

Instruction Sheet (non U.S.)

English

2-7 positions junior power timer splash proof connectors

English

Instruction Sheet (non U.S.)

English