

282189-1 ✓ ACTIVE



AMP | Junior Power Timer, Timer Connector System

TE Internal #: 282189-1

12 V / 24 V / 48 V, 2 Position, Automotive Housing for Female  
Terminals, Wire-to-Wire, 5 mm [.197 in] Centerline, Sealable, Black,  
Hybrid

[View on TE.com >](#)

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



Nominal Voltage Architecture: 12 V, 24 V, 48 V

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

Number of Positions: 2

Sealable: **Yes**

Operating Temperature Range: -30 – 125 °C [ -22 – 257 °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	Yes
Primary Locking Feature	Locking Lance
Connector System	Wire-to-Wire
Connector & Contact Terminates To	Wire & Cable

### Configuration Features

Number of Positions	2
Number of Rows	1

### Electrical Characteristics

Operating Voltage	24 VDC
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Nominal Voltage Architecture	12 V, 24 V, 48 V
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### 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)	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	37.5 mm [1.48 in]
Product Length	23.8 mm [.94 in]
Connector Height	22 mm [.866 in]

### Usage Conditions

Operating Temperature Range	-30 – 125 °C [-22 – 257 °F]
Operating Temperature (Max)	125 °C [257 °F]

### Operation/Application

Circuit Application	Power
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### Packaging Features

Packaging Quantity	600
Packaging Method	Bag

### Other

Serviceable	No
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Connector Position Assurance Capable	No
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## Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant
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EU ELV Directive 2000/53/EC	Compliant
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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
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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
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Halogen Content	Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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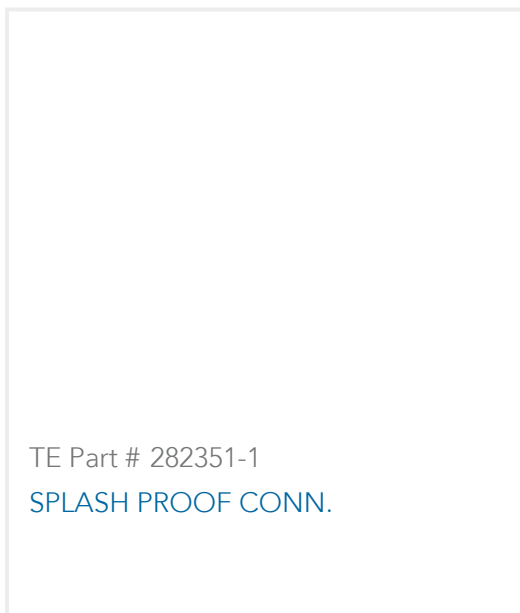
Solder Process Capability	Not applicable for solder process capability
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### Product Compliance Disclaimer

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 # 282351-1  
SPLASH PROOF CONN.



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



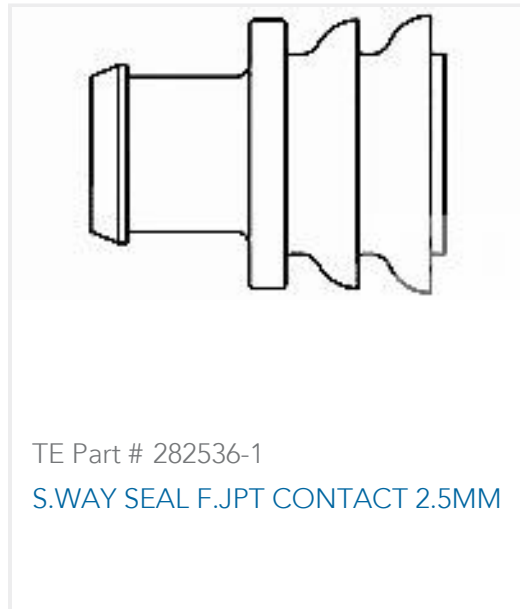
TE Part # 828906-1  
CAVITY PLUG (5MM HOLE)



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

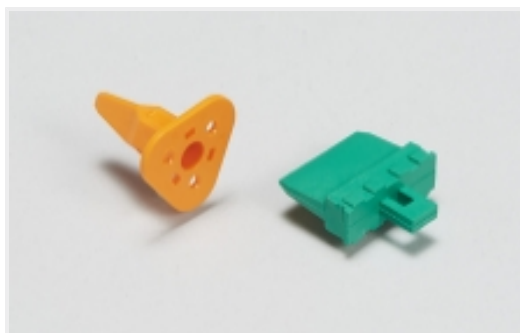


TE Part # 828904-1  
SINGLE WIRE SEAL FOR J.P.T.CON



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

### Also in the Series | Junior Power Timer



Automotive Connector Locks & Position Assurance(15)



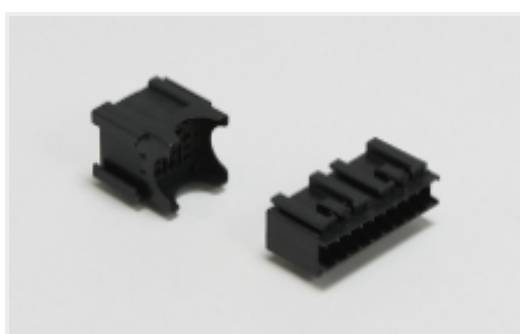
Automotive Housings(186)



Automotive Seals & Cavity Plugs(32)



Automotive Signal & Power Connector Housings(136)

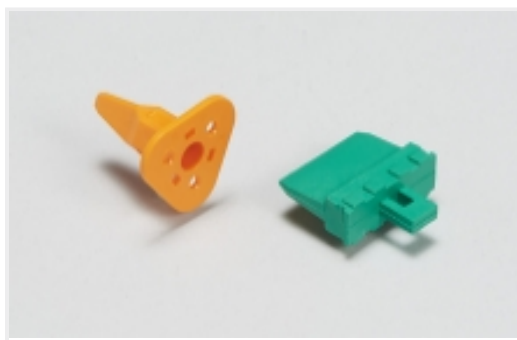


Module Components(1)

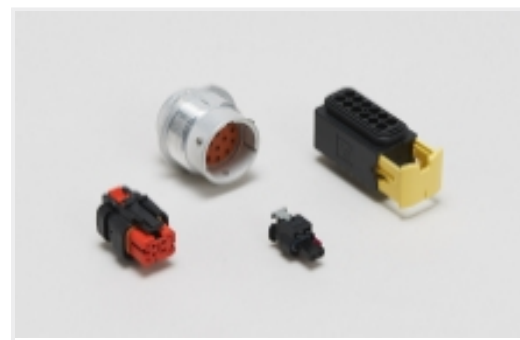


Other Automotive Connector Accessories(1)

### 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)

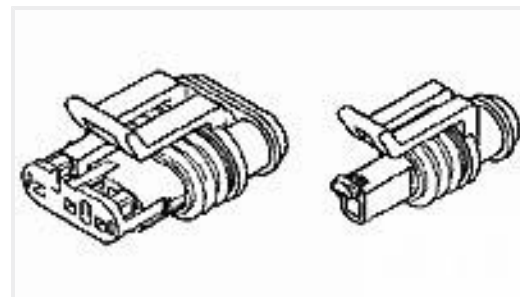


Other Automotive Connector Accessories(1)

## Customers Also Bought



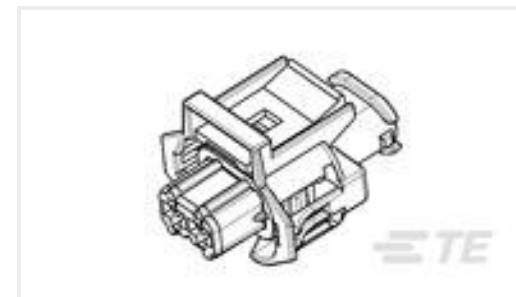
TE Part #363884-000  
FL2500-NO.3-J1-0-STK



TE Part #282087-1  
AMP SUPERSEAL 1.5 SERIES 3P PL



TE Part #282192-1  
SPLASH PROOF CONN. W.S.L.



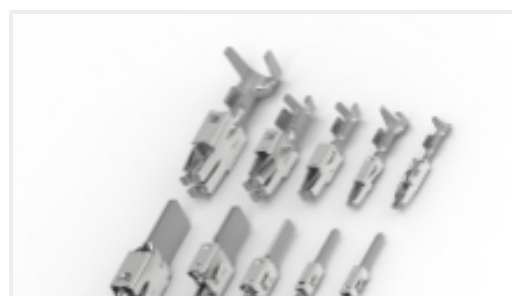
TE Part #936060-2  
2.8MM SLD 3P PLUG ASSY-TDC



TE Part #2112228-1  
PROTECTION CAP,TE



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



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



TE Part #1534191-1  
MQS BU-GEH EDS 4P

## 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.

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## Product Specifications

[Product Specification](#)

English

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## 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