

282762-1 ✓ ACTIVE

AMP | Junior Power Timer

TE Internal #: 282762-1

Housing for Female Terminals, Wire-to-Wire, 2 Position, .197 in [5 mm] Centerline, Sealable, Black, Signal, Junior Power Timer

[View on TE.com >](#)



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



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

Mating Tab Width: **2.8 mm [.11 in]**

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

Number of Positions: **2**

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

[All TIMER, CONNECTOR HOUSING \(543\)](#)

Features

Product Type Features

| | |
|---------------------------|------------------------------|
| Connector & Housing Shape | Rectangular |
| Connector & Housing Type | Housing for Female Terminals |
| Connector System | Wire-to-Wire |
| Sealable | Yes |
| Hybrid Connector | No |
| 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° |
| Body Material | PA |
| Primary Product Color | Black |

Contact Features

| | |
|------------------|----------------|
| Contact Size | 2.8mm |
| Contact Type | Receptacle |
| Mating Tab Width | 2.8 mm[.11 in] |

Mechanical Attachment

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

Housing Features

| | |
|--------------------|---------------|
| Centerline (Pitch) | 5 mm[.197 in] |
|--------------------|---------------|

Dimensions

| | |
|----------------|-------------------|
| Product Width | 22 mm[.866 in] |
| Product Length | 23.4 mm[.921 in] |
| Product Height | 37.5 mm[1.476 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 |
|---------------------|--------|

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 |
|------------------------------|-----------|





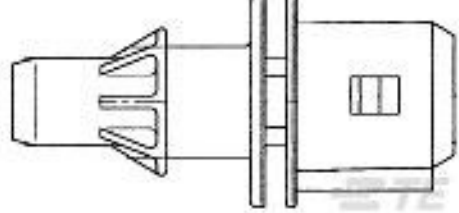
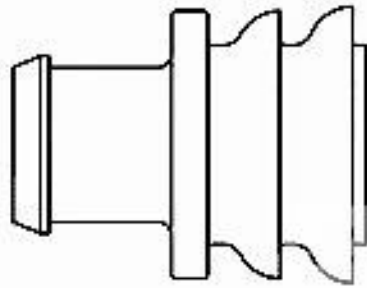




| | |
|---|--|
| EU ELV Directive 2000/53/EC | Compliant |
| China RoHS 2 Directive MIIT Order No 32, 2016 | No Restricted Materials Above Threshold |
| EU REACH Regulation (EC) No. 1907/2006 | Current ECHA Candidate List: JUNE 2022 (224) Candidate List Declared Against: JAN 2022 (223) SVHC > Threshold: Not Yet Reviewed |
| 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>

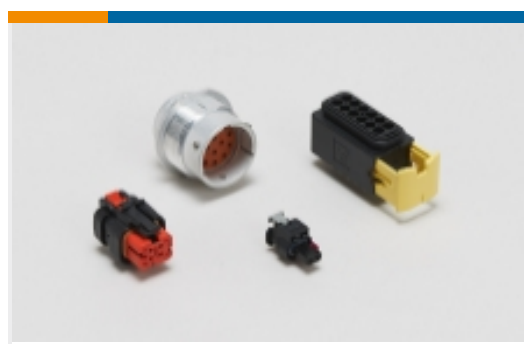
Compatible Parts

| | | | |
|--|--|--|---|
|  <p>TE Part # 828905-1 SINGLE-WIRE-SEAL(5MM HOLE)</p> |  <p>TE Part # 828904-1 SINGLE WIRE SEAL FOR J.P.T.CON</p> |  <p>TE Part # 828906-2 BLINDSTOPFEN 1,5SYS</p> |  <p>TE Part # CAT-T4827-T273 TIMER, RECEPTACLE AND TAB</p> |
|  <p>TE Part # 106462-1 2P.FASTIN-ON HSG.</p> |  <p>TE Part # 282536-1 S.WAY SEAL F.JPT CONTACT 2.5MM</p> |  <p>TE Part # 828906-1 CAVITY PLUG (5MM HOLE)</p> |  <p>TE Part # 1-929937-1 JPT REC 2.8 Contact SWS Au</p> |

Also in the Series | Junior Power Timer



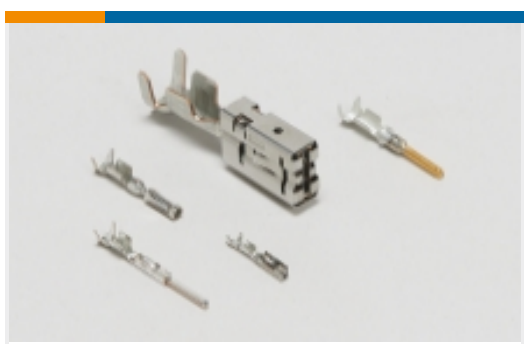
Automotive Connector Caps & Covers (5)



Automotive Housings(225)



Automotive Seals & Cavity Plugs(10)



Automotive Terminals(82)



Busbars & Terminals(1)



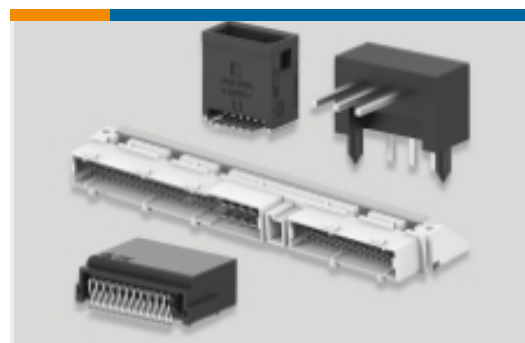
Insertion & Extraction Tools(9)



Module Components(8)



Other Automotive Connector Accessories(1)



PCB Headers & Receptacles(1)

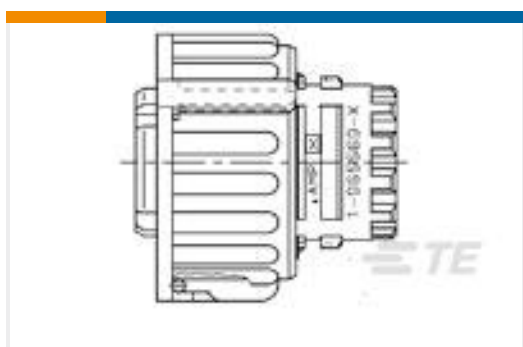
Customers Also Bought



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



TE Part #5-968970-1
AMP MCP 2.8 HSG 6POS 2.LOCKING



TE Part #1-1719434-3
4 POS DIA 2.5 SOCKET CONNECTOR HSG



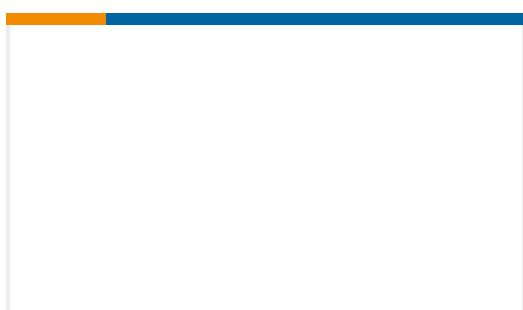
TE Part #160134-5
RING TONGUE WITH IS 12-10 AWG PHBZ



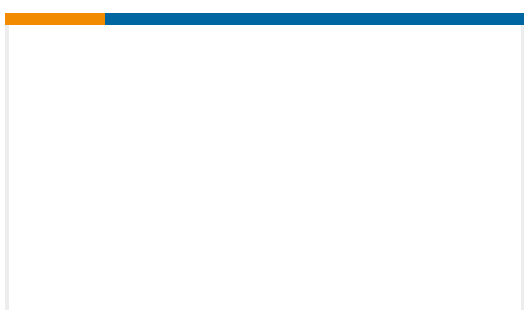
TE Part #2-1744417-0
20 POS EP 2.5 HSG, GLOW WIRE



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



TE Part #7625856001
CGFC-12/4-4



TE Part #1745025-1
SUPERSEAL 2 POS. PLUG ASSY (CLOSED CAVIT)



TE Part #1745027-1
2 POS SPLASH PROOF ASSY WITH
CLOSED CAVI

Documents

Product Drawings

JPT SPLASH-PROOF FEM.CONN2 POS

English

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 Conditions](#) of use.

Datasheets & Catalog Pages

Timer Interconnection System

English

Product Specifications

Product Specification

English

Product Environmental Compliance

Product Compliance

English

Product Compliance

English

Instruction Sheets

Instruction Sheet (non U.S.)

English

[2-7 Position Junior Power Timer Splash Proof Fem. Connector](#)

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Housing for Female Terminals, Wire-to-Wire, 2 Position, .197 in [5 mm] Centerline,
Sealable, Black, Signal, Junior Power Timer



English