



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: **6**

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

[All TIMER, CONNECTOR HOUSING \(542\)](#)

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 | 6 |
| 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 | Natural |

Contact Features

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



| | |
|------------------|---------------|
| Mating Tab Width | 3 mm[.118 in] |
|------------------|---------------|

Mechanical Attachment

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

Housing Features

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

Dimensions

| | |
|----------------|-------------------|
| Product Width | 24.5 mm[.965 in] |
| Product Length | 45.4 mm[1.787 in] |
| Product Height | 38.9 mm[1.531 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 |
|---------------------|--------|

Industry Standards

| | |
|----------------------|-------|
| Degree of Protection | IP54K |
|----------------------|-------|

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 2022 (223)
Candidate List Declared Against: JAN 2022 (223)
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>

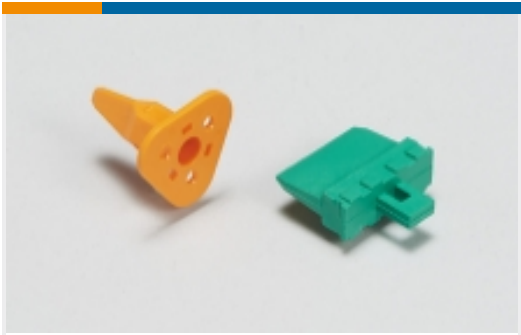
Compatible Parts

| | | | |
|--|---|---|---|
|  <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 # CAT-T4827-T273 TIMER, RECEPTACLE AND TAB</p> |  <p>TE Part # 828906-2 BLINDSTOPFEN 1,5SYS</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 | Timer Connector System



Automotive Connector Caps & Covers (11)



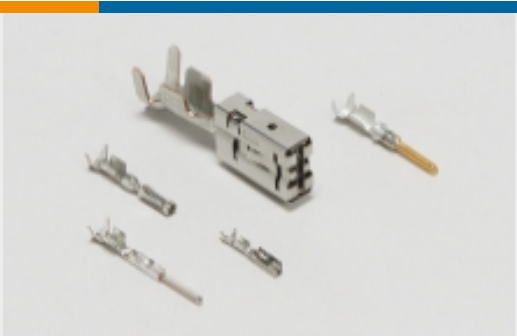
Automotive Connector Locks & Position Assurance(16)



Automotive Housings(218)



Automotive Seals & Cavity Plugs(31)



Automotive Terminals(140)



Crimp Terminal Housings(13)



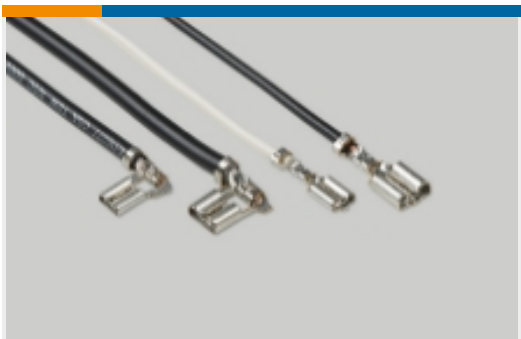
Insertion & Extraction Tools(20)



Other Automotive Connector Accessories(1)



PCB Headers & Receptacles(78)



Quick Disconnects(4)

Customers Also Bought



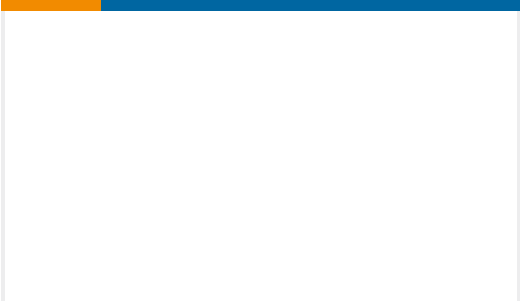
TE Part #2287871-1
MULTILOCK, CONNECTOR HOUSING



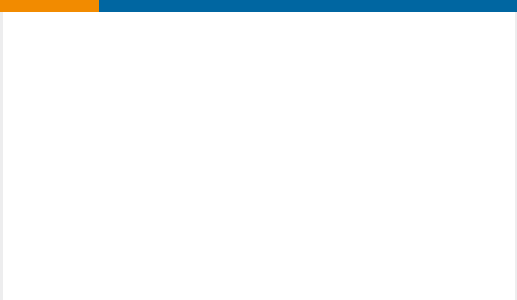
TE Part #0989076025
RBK-ILS-125-NR2-0-35MM



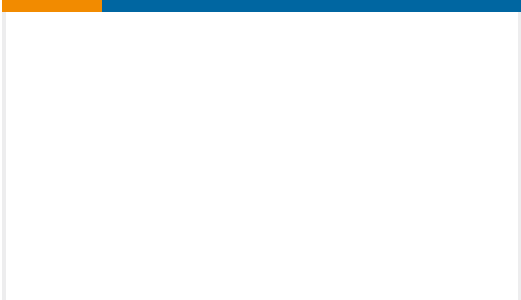
TE Part #368165-2
CLIP HSG FOR 070/EJ(MKII) NATURAL



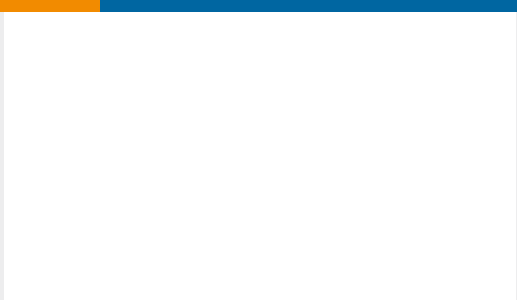
TE Part #1897116-8
8P CAR-AUDIO CONN'R,PART C3, ASS'Y



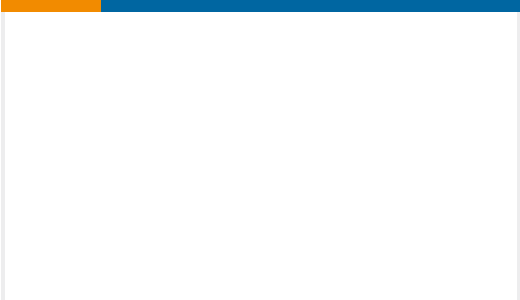
TE Part #2-1823393-6
COVER,90,1KS LEFT,ASSY



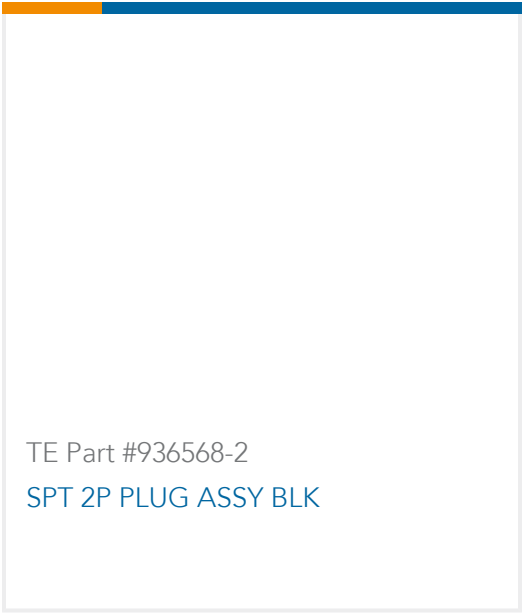
TE Part #2066548-4
FUSE+REL BOX ASSY CABIN HARD WIRED



TE Part #2296008-1
1X4 SEALD HARN ASSY W/O CPA



TE Part #2338584-1
ASSY, 2P AKI SQUIB, L-1120



Documents

Product Drawings

6 POS. SPLASH PROOF CONN ASSY

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_282236-2_N_c-282236-2-n.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_282236-2_N_c-282236-2-n.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_282236-2_N_c-282236-2-n.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 version)

English

Instruction Sheet (non U.S.)

English