



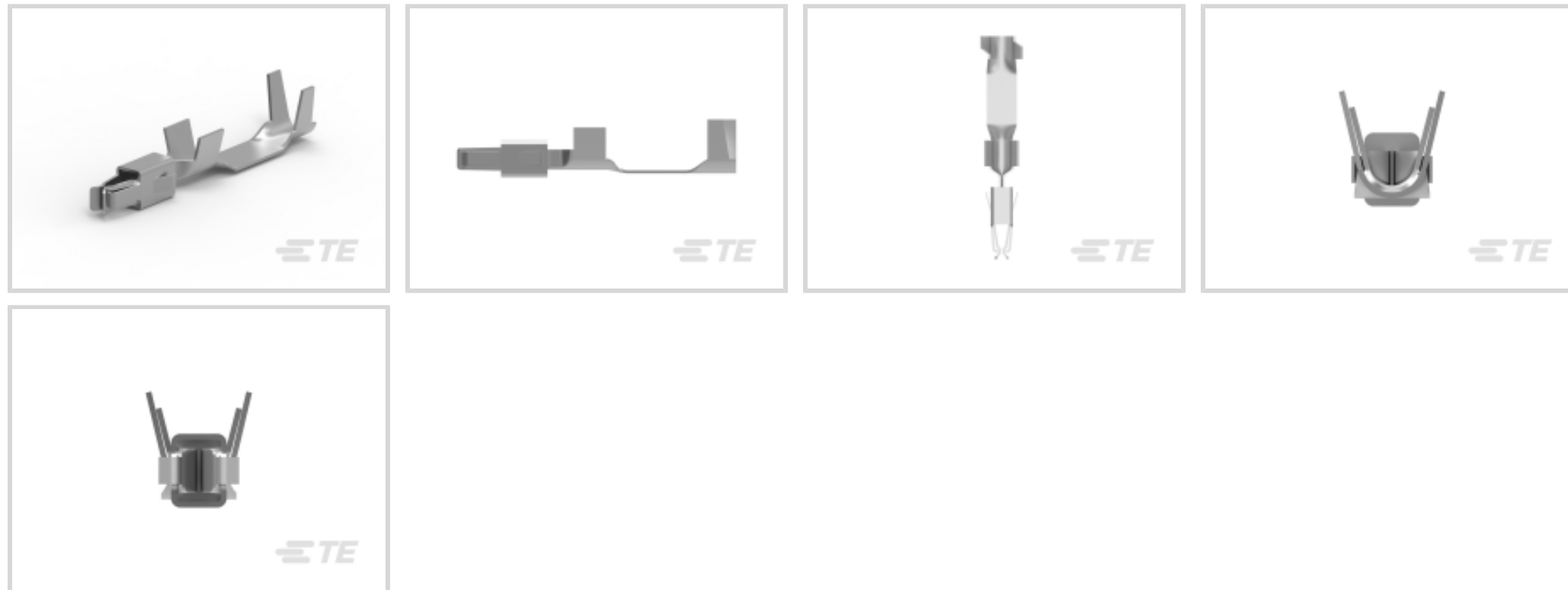
Junior Power Timer

TE Internal #: 1989304-1

Busbars & Terminals, 2.5 – 4 mm² Wire Size, Wire-to-Wire, 30 A, 25G, Crimp, Wire & Cable, Bus Bar Mount, Junior Power Timer

[View on TE.com >](#)

Connectors > Automotive Connectors > Power Distribution Boxes > Busbars & Terminals



Mating Tab Width: 2.8 mm [.110 in]

Mating Tab Thickness: .8 mm [.031 in]

Wire Size Search: 2.5 mm², 3 mm², 4 mm²

Wire Size: 2.5 – 4 mm²

Accepts Wire Insulation Diameter Range: 2.7 – 3.7 mm [.11 – .15 in]

Features

Product Type Features

| | |
|-----------------------------------|---------------|
| Connector System | Wire-to-Wire |
| Sealable | No |
| Primary Locking Feature | Locking Lance |
| Connector & Contact Terminates To | Wire & Cable |

Electrical Characteristics

| | |
|------------------------------|------|
| Operating Voltage | 12 V |
| Nominal Voltage Architecture | 12 V |

Contact Features

| | |
|------------------------|-----------------|
| Interface Plating | Tin (Sn) |
| Mating Tab Width | 2.8 mm[.110 in] |
| Mating Tab Thickness | .8 mm[.031 in] |
| Typical Current Rating | 30 A |

Termination Features

| | |
|------------------------------------|-------|
| Termination Method to Wire & Cable | Crimp |
|------------------------------------|-------|



Mechanical Attachment

| | |
|-------------------------|---------------|
| Connector Mounting Type | Bus Bar Mount |
|-------------------------|---------------|

Dimensions

| | |
|--|---|
| Wire Size Search | 2.5 mm ² , 3 mm ² , 4 mm ² |
| Wire Size | 2.5 – 4 mm ² |
| Accepts Wire Insulation Diameter Range | 2.7 – 3.7 mm [.11 – .15 in] |

Usage Conditions

| | |
|-----------------------------|---|
| Operating Temperature (Max) | 100 °C, 105 °C, 110 °C, 120 °C, 125 °C [212 °F][221 °F][230 °F][248 °F][257 °F] |
| Operating Temperature Range | -40 – 125 °C [-40 – 257 °F] |

Operation/Application

| | |
|-----------------------|-----|
| Vibration Class Level | 25G |
|-----------------------|-----|

Other

| | |
|--------------------|----------------------|
| Terminal Transmits | 0 – 24 A (Low Power) |
|--------------------|----------------------|

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

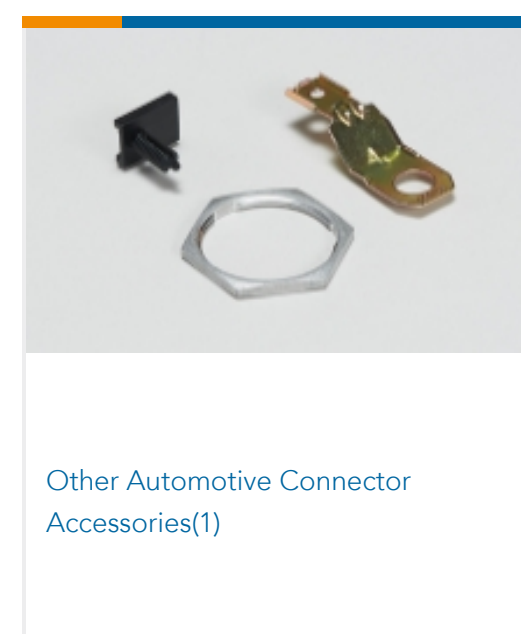
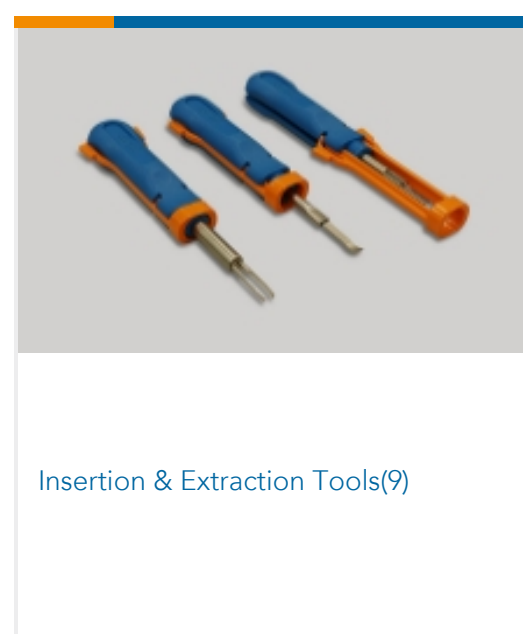
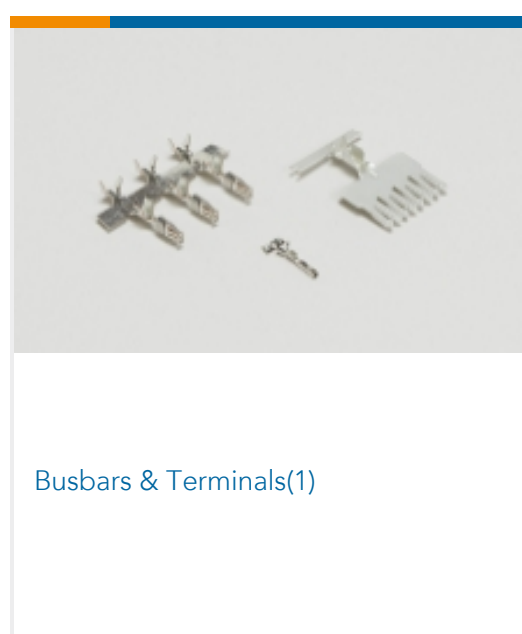
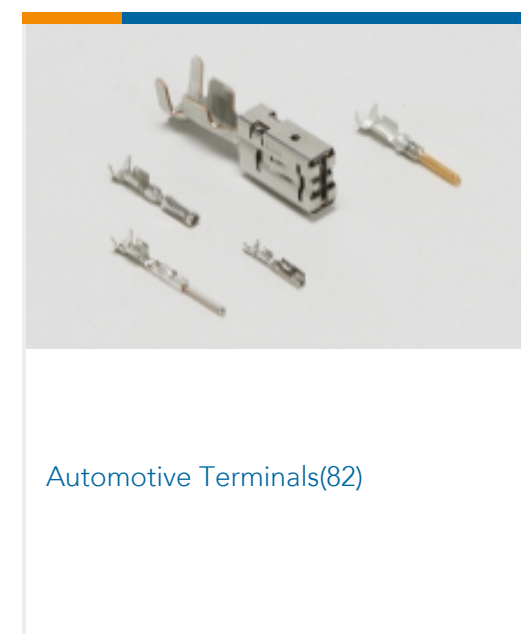
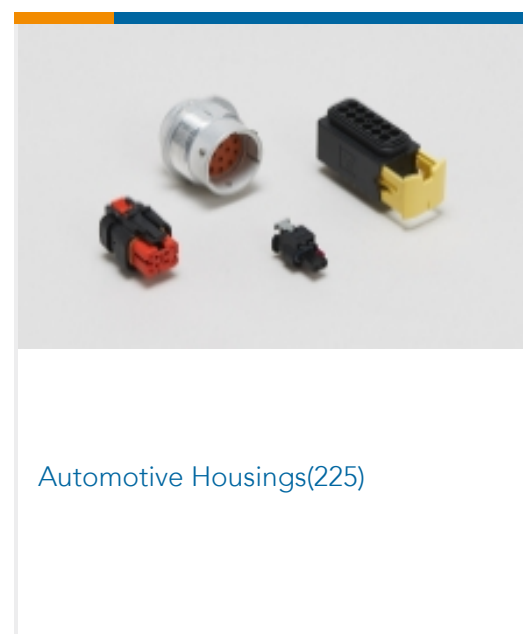
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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>

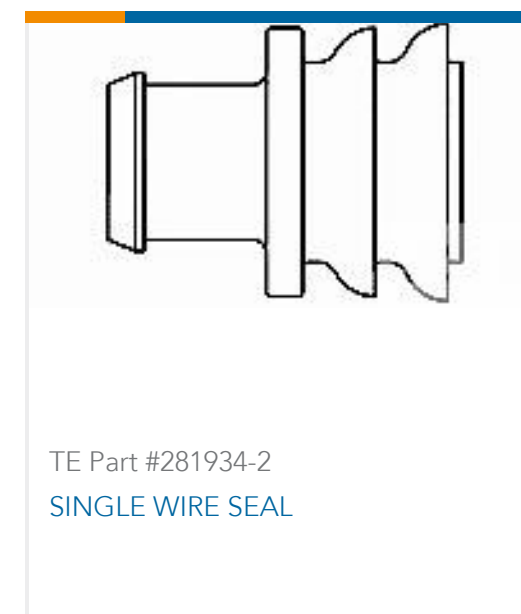
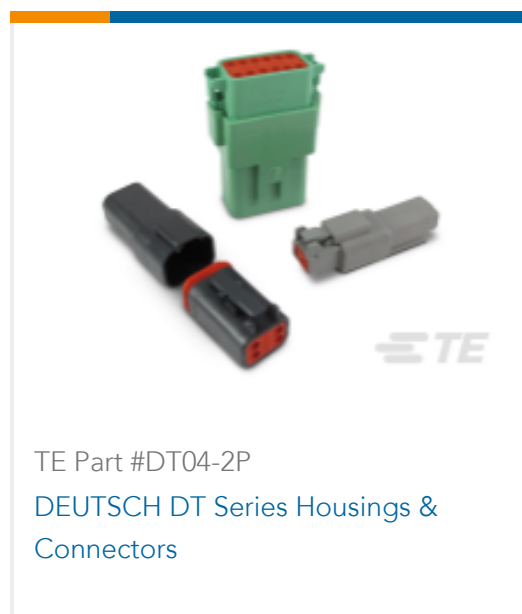
Compatible Parts



Also in the Series | Junior Power Timer



Customers Also Bought



Documents

Product Drawings

JUNIOR POWER TIMER CONTACT BUSBAR 2 WAYS

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_1989304-1_A_c-1989304-1-a.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1989304-1_A_c-1989304-1-a.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1989304-1_A_c-1989304-1-a.3d_stp.zip](#)

English

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Product Specifications

Product Specification

English