

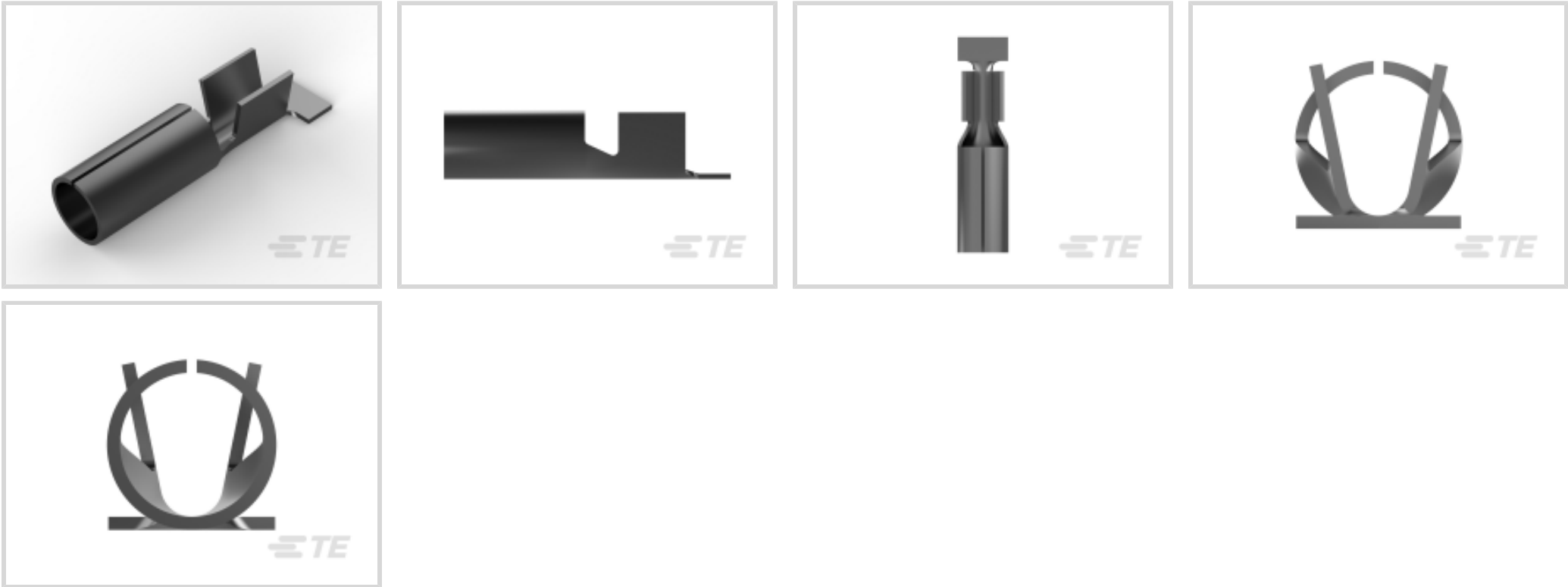


SHUR-PLUG 180

TE Internal #: 42891-2  
Shur-Plug Terminal, 4.57 mm [.18 in] Pin Diameter, 14 – 10 AWG, 2  
– 6 mm² Wire, 9600 CMA, 18.29 mm [.72 in] Length, Open Barrel,  
SHUR-PLUG 180

[View on TE.com >](#)

Terminals & Splices > Crimp Wire Pins, Tabs & Ferrules



Crimp Wire Terminal Type: **Shur-Plug Terminal**  
Mating Pin Diameter: **4.57 mm [.18 in]**  
Wire Size: **9600 CMA**

Features

Product Type Features

|                                    |                 |
|------------------------------------|-----------------|
| Compatible With Discrete Wire Type | Solid, Stranded |
|------------------------------------|-----------------|

Configuration Features

|                                   |               |
|-----------------------------------|---------------|
| Compatible With Wire & Cable Type | Discrete Wire |
|-----------------------------------|---------------|

Contact Features

|                           |                    |
|---------------------------|--------------------|
| Crimp Wire Terminal Type  | Shur-Plug Terminal |
| Mating Pin Diameter       | 4.57 mm[.18 in]    |
| Barrel Type               | Open               |
| Terminal Plating Material | Tin                |
| Terminal Orientation      | Straight           |

Mechanical Attachment

|                         |         |
|-------------------------|---------|
| Wire Insulation Support | Without |
|-------------------------|---------|

Dimensions

|                             |                 |
|-----------------------------|-----------------|
| Wire Size                   | 9600 CMA        |
| Barrel Inside Diameter      | 1.9 mm[.075 in] |
| Terminal Material Thickness | .39 mm[.016 in] |



Overall Product Length

18.29 mm[.72 in]

Usage Conditions

|                             |                            |
|-----------------------------|----------------------------|
| Insulation Option           | Uninsulated                |
| Operating Temperature Range | -40 – 105 °C[-40 – 221 °F] |

Packaging Features

|                    |       |
|--------------------|-------|
| Packaging Quantity | 10000 |
| Packaging Method   | Reel  |

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 2025 (250)<br>Candidate List Declared Against: JUNE 2025 (250)<br>Does not contain REACH SVHC |
| Halogen Content                               | Low Halogen - Br, Cl, F < 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



TE Part # 2150740-2  
[OCEAN\\_2.0\\_APPLICATOR-E-130F-REA](#)

TE Part # 1217074-2  
[SHUR PLUG,180,REC.,2 X 8 AWG,TPBR](#)

TE Part # 7-2150740-7  
[OCEAN\\_2.0\\_SPARE\\_PART\\_KIT-130F](#)

TE Part # 1742039-1  
[SHUR PLUG .156 DIA REC 10-14 AWG PTPBR](#)

Also in the Series | **SHUR-PLUG 180**

[Crimp Wire Pins, Tabs & Ferrules\(37\)](#)

[Insulation Boots & Sleeves\(6\)](#)

[Special Purpose Terminals\(1\)](#)

Customers Also Bought

TE Part #1208484001  
[NTFR-3/16-0-SP](#)

TE Part #EK5194-000  
[ES2000-NO.6-H2-0-39MM](#)

TE Part #SRN21  
[SEAL RING, CONDUIT ADAPTER, NW22](#)

TE Part #CZ8201-000  
[SCL-1/2-0-2.25IN](#)

TE Part #DT06-2S-P012  
[PLG, 2P, BLK, N, SEAL RET](#)

TE Part #CN21  
[CAP NUT, CONDUIT ADAPTER, NW22](#)

TE Part #085193P002  
[ES1000-NO.4-B7-X-75MM](#)

TE Part #40723  
[RING 138\(3.50 MM\) TERMINAL18-14 AWG TPBR](#)

TE Part #640253-2  
[RING TONGUE .190 16-12 AWG TPBR](#)

TE Part #2-1414939-2  
[V23132A2001B200-EV-USBX](#)



Documents

Product Drawings

SHUR PLUG 180 RECEPTACLE 14-10 AWG TPBR

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_42891-2\_Z1.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_42891-2\_Z1.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_42891-2\_Z1.3d\_stp.zip

English

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Product Specifications

Application Specification

English