



**SHUR-PLUG 180**

TE Internal #: 170021-2

Shur-Plug, Mating Pin Diameter 4.7 mm [.185 in], 20 – 14 AWG Wire Size, .5 – 2.27 mm<sup>2</sup> Wire Size, SHUR-PLUG 180, Crimp Wire Pins, Tabs & Ferrules

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Terminals & Splices > Crimp Wire Pins, Tabs & Ferrules



Crimp Wire Terminal Type: **Shur-Plug**

Mating Pin Diameter: **4.7 mm [.185 in]**

Compatible Insulation Diameter Range: **2.2 – 3.1 mm, 3.1 mm [.087 – .122 in, .122 in]**

Wire Size: **.5 – 2.27 mm<sup>2</sup>**

**Features**

**Product Type Features**

Compatible With Discrete Wire Type	Stranded
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**Configuration Features**

Compatible With Wire & Cable Type	Discrete Wire
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**Contact Features**

Crimp Wire Terminal Type	Shur-Plug
Mating Pin Diameter	4.7 mm [.185 in]
Barrel Type	Open
Terminal Plating Material	Tin
Terminal Orientation	Straight

**Mechanical Attachment**

Wire Insulation Support	With
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**Dimensions**

Compatible Insulation Diameter Range	2.2 – 3.1 mm, 3.1 mm [.087 – .122 in][.122 in]
Wire Size	1021 – 4106 CMA



Terminal Material Thickness	.4 mm[.016 in]
Overall Product Length	18 mm[.708 in]

### Usage Conditions

Insulation Option	Uninsulated
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### Packaging Features

Packaging Method	Bag
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## 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 2024 (241) Candidate List Declared Against: JUNE 2024 (241) 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

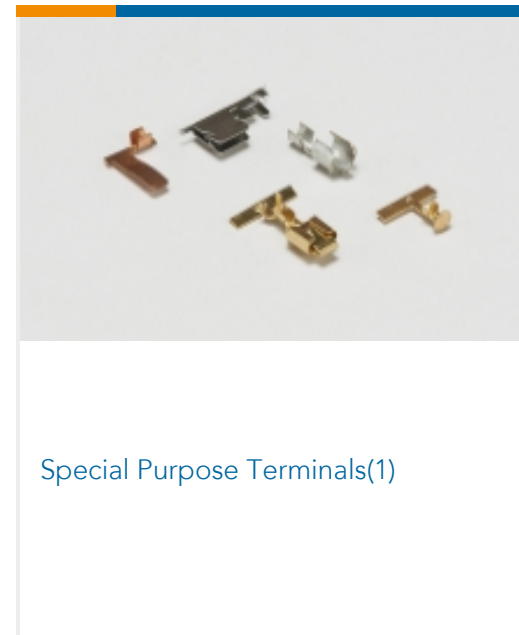
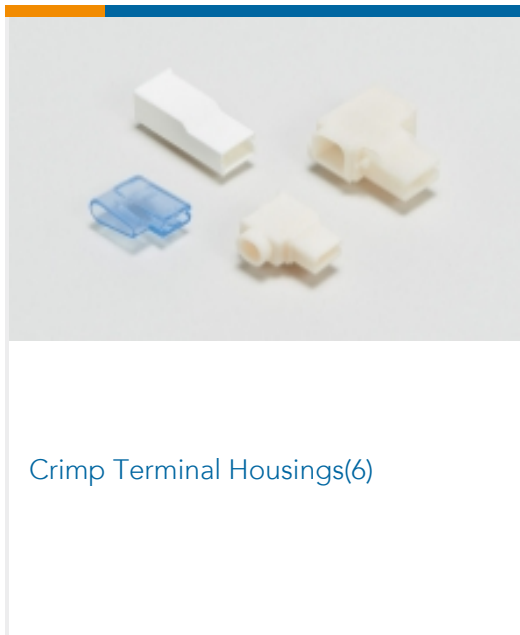
#### Product Compliance Disclaimer

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



Also in the Series | SHUR-PLUG 180



Customers Also Bought





## Documents

### Product Drawings

#### SHUR PLUG RECEPTACLE 20-16 AWG TPBR

Japanese

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### CAD Files

#### Customer View Model

[ENG\\_CVM\\_CVM\\_170021-2\\_D.2d\\_dxf.zip](#)

English

#### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_170021-2\\_D.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_170021-2\\_D.3d\\_stp.zip](#)

English

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### Product Specifications

#### Product Specification

English

#### No title

English