



**SHUR-PLUG 180**

TE Internal #: 170889-2

Crimp Terminal Housings, Receptacle, Receptacle, 1 Position, Straight, Natural, Soft Vinyl Chloride, -40 – 105 °C [-40 – 221 °F], SHUR-PLUG 180

[View on TE.com >](#)

Terminals & Splices > Terminal Housings, Insulation Sleeves & Blocks > Crimp Terminal Housings



Terminal Type: **Receptacle**  
 Connector & Housing Type: **Receptacle**  
 Number of Positions: **1**  
 Terminal Orientation: **Straight**  
 Primary Product Color: **Natural**

**Features**

**Product Type Features**

Sealable	No
Connector & Contact Terminates To	Wire & Cable
Connector & Housing Type	Receptacle

**Configuration Features**

Number of Positions	1
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**Body Features**

Primary Product Color	Natural
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**Contact Features**

Terminal Type	Receptacle
Terminal Orientation	Straight
Contact Mating Retention	Without

**Mechanical Attachment**

Mating Alignment Type	None
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Mating Alignment	Without
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### Housing Features

Housing Material	Soft Vinyl Chloride
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### Dimensions

Product Length	34 mm[1.338 in]
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Compatible Insulation Diameter Range	3.2 – 4.5 mm
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### Usage Conditions

Operating Temperature Range	-40 – 105 °C[-40 – 221 °F]
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### Packaging Features

Packaging Quantity	1000
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## Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2023 (235) Candidate List Declared Against: JUNE 2023 (235) SVHC > Threshold: Dioctyltin dilaurate derivs (.3% in Component Part)
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Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
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Solder Process Capability	Not applicable for solder process capability
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#### 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 # 170887-3  
IS SHUR PLG 5 DIA NAT



TE Part # 170889-3  
SLEEVE DIA5 SHUR PLUG NAT



TE Part # 1217070-1  
SHUR PLUG 180 RECEPTACLE 12-8 AWG TPBR



TE Part # 1217606-1  
.156 DIA SHUR PLUG PTPBR



TE Part # 170889-1  
SLEEVE DIA5 SHUR PLUG NAT



TE Part # 170887-1  
SLEEVE DIA5 SHUR PLUG NAT



TE Part # 170887-4  
SLEEVE DIA5 SHUR PLUG NAT




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



TE Part # 42531-3  
180 SHPL REC 20-16 016PHBZ


## Also in the Series | SHUR-PLUG 180



Crimp Terminal Housings(6)

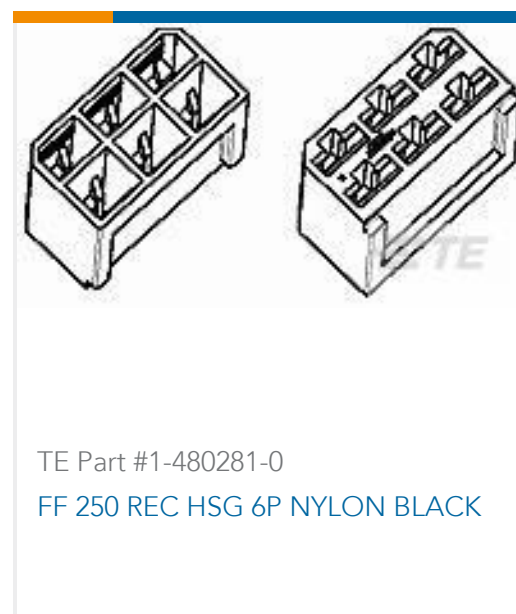


Crimp Wire Pins, Tabs & Ferrules(37)



Special Purpose Terminals(1)

## Customers Also Bought



## Documents

### Product Drawings

#### SLEEVE DIA3 SHUR PLUG NAT

English

### CAD Files

#### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_170889-2\\_B.2d\\_dxf.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_170889-2\\_B.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_170889-2\\_B.3d\\_stp.zip](#)

English

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### Product Environmental Compliance

[MD\\_170889-2\\_01022018728\\_dmtec](#)

English

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English