



SHUR-PLUG 180

TE Internal #: 170887-1

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

Body Features

|                       |         |
|-----------------------|---------|
| Primary Product Color | Natural |
|-----------------------|---------|

Contact Features

|                          |            |
|--------------------------|------------|
| Terminal Type            | Receptacle |
| Terminal Orientation     | Straight   |
| Contact Mating Retention | Without    |

Mechanical Attachment

|                       |      |
|-----------------------|------|
| Mating Alignment Type | None |
|-----------------------|------|



|                                      |                            |
|--------------------------------------|----------------------------|
| Mating Alignment                     | Without                    |
| Housing Features                     |                            |
| Housing Material                     | Soft Vinyl Chloride        |
| Dimensions                           |                            |
| Product Length                       | 13 mm[.51 in]              |
| Compatible Insulation Diameter Range | 2.5 – 4 mm                 |
| Usage Conditions                     |                            |
| Operating Temperature Range          | -40 – 105 °C[-40 – 221 °F] |
| Packaging Features                   |                            |
| Packaging Quantity                   | 1000                       |

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 2023 (233)<br>Candidate List Declared Against: JUN 2020 (209)<br>Does not contain REACH SVHC |
| Halogen Content                               | Not Low Halogen - contains Br or Cl > 900 ppm.                                                                                |
| 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





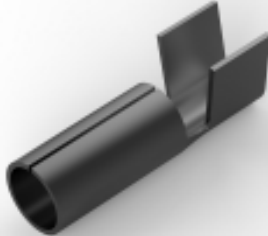
TE Part # 170889-2  
SLEEVE DIA3 SHUR PLUG NAT



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



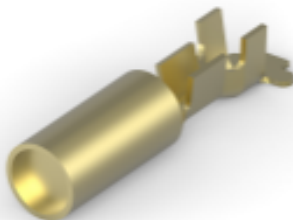
TE Part # 170889-1  
SLEEVE DIA5 SHUR PLUG NAT



TE Part # 170887-4  
SLEEVE DIA5 SHUR PLUG NAT



TE Part # 1217074-2  
SHUR PLUG 180 RECEPTACLE 2-8 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)

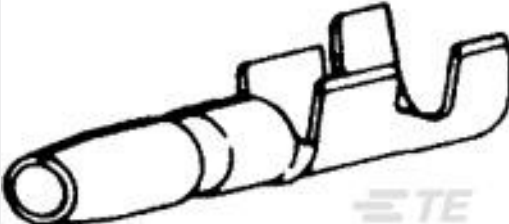


Special Purpose Terminals(1)

Customers Also Bought



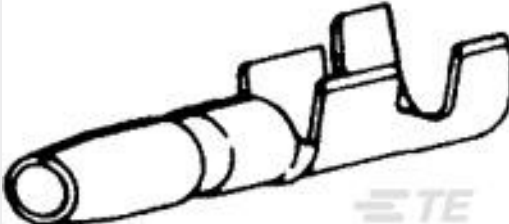
TE Part #DT04-3P-C015  
REC, 3P, GRY, E



TE Part #61388-1  
SHUR PLUG 156 20-16 AWG PTPBR



TE Part #60625-1  
RING CRIMP 18-14 AWG TPBR



TE Part #60766-1  
SHUR PLUG 156 18-14 AWG BR

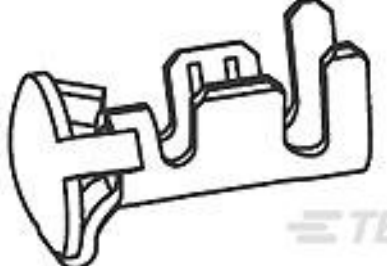




TE Part #1-1564407-1  
16POS, MIXED,TAB HSG,ASSY,CODA



TE Part #964269-3  
TAB A 1.6x0.6 CONTACT CF SWS Au



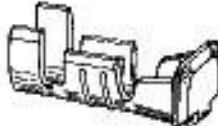
TE Part #61165-1  
BUTTON CONTACT 20-16 AWG BR



TE Part #284930-3  
DUOPLUG Standard, female conn.



TE Part #170923-1  
CMNL PLG 2P FREE HNG



TE Part #1-150504-2  
BUTTON CONTACT 20-16 .0158 X .625 TPBR

Documents

Product Drawings

SLEEVE DIA5 SHUR PLUG NAT

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_170887-1\_D.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_170887-1\_D.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_170887-1\_D.3d\_stp.zip

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Product Environmental Compliance

MD\_170887-1\_121020152143\_dmtec

English

MD\_170887-1\_121020152143\_dmtec

English