



SHUR-PLUG 180

TE Internal #: 170889-3  
Receptacle, Receptacle, 1 Position, Straight, Natural, Soft Vinyl Chloride, -40 – 105 °C [-40 – 221 °F], SHUR-PLUG 180, Crimp Terminal Housings

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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

Dimensions

|                                      |                 |
|--------------------------------------|-----------------|
| Product Length                       | 34 mm[1.338 in] |
| Compatible Insulation Diameter Range | 3.5 – 4 mm      |

Packaging Features

|                    |      |
|--------------------|------|
| Packaging Quantity | 1000 |
|--------------------|------|

Mechanical Attachment

|                       |         |
|-----------------------|---------|
| Mating Alignment Type | None    |
| Mating Alignment      | Without |

Product Type Features

|                                   |              |
|-----------------------------------|--------------|
| Connector & Contact Terminates To | Wire & Cable |
| Sealable                          | No           |
| 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    |

Housing Features

|                  |                     |
|------------------|---------------------|
| Housing Material | Soft Vinyl Chloride |
|------------------|---------------------|

Usage Conditions

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

Other

|                    |           |
|--------------------|-----------|
| EU RoHS Compliance | Compliant |
| EU ELV Compliance  | Compliant |

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)<br>Candidate List Declared Against: JUNE 2024 (241)<br>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



TE Part # 170887-1  
SLEEVE DIA5 SHUR PLUG NAT



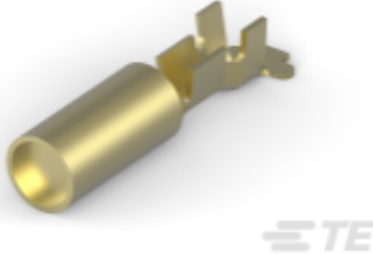
TE Part # 170887-3  
IS SHUR PLG 5 DIA NAT



TE Part # 170889-1  
SLEEVE DIA5 SHUR PLUG NAT



TE Part # 170887-4  
SLEEVE DIA5 SHUR PLUG NAT



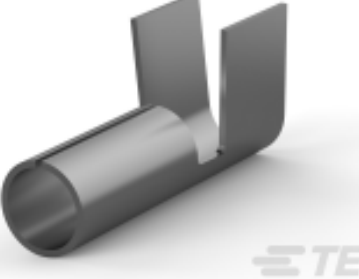
TE Part # 42531-3  
180 SHPL REC 20-16 016PHBZ



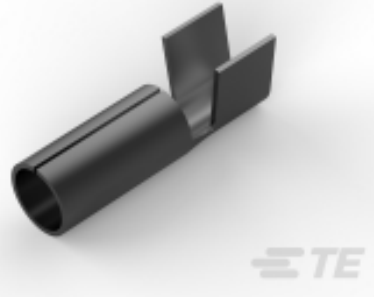
TE Part # 170889-2  
SLEEVE DIA3 SHUR PLUG NAT



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



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

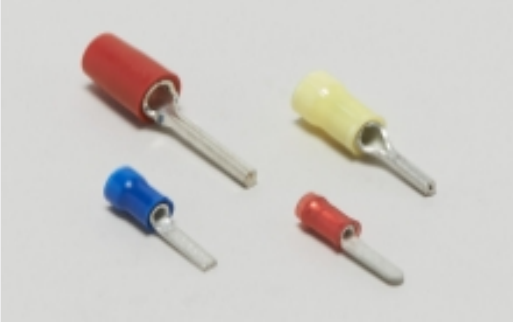


TE Part # 1217070-1  
SHUR PLUG 180 RECEPTACLE 12-8  
AWG TPBR

Also in the Series | SHUR-PLUG 180



Crimp Terminal Housings(6)

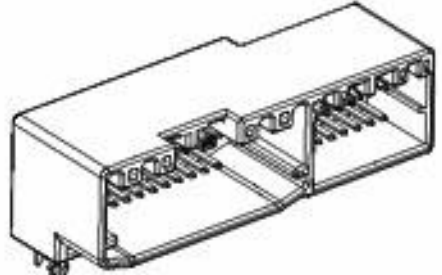


Crimp Wire Pins, Tabs & Ferrules(37)

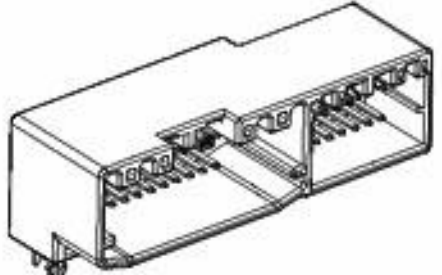


Special Purpose Terminals(1)

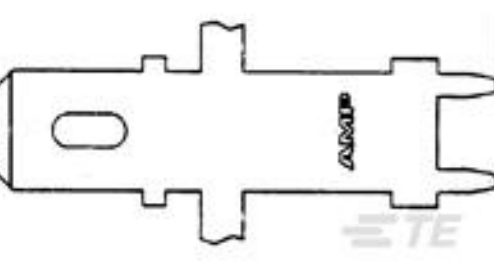
Customers Also Bought



TE Part #9-1438743-6  
54way Hyb .040/2.8 Tails Down Cap  
Assy



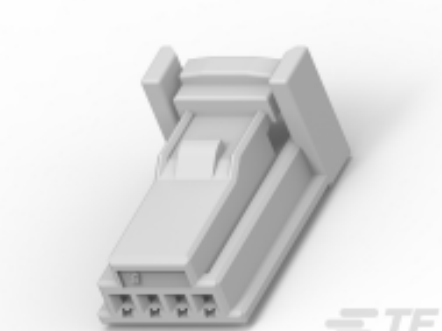
TE Part #9-1438789-2  
38way Hybrid .040/2.8 Header Assy



TE Part #63949-1  
250 FASTON TAB TPBR



TE Part #T2050322101-007  
HEE-032-M



TE Part #2069748-1  
0.64II CONNECTOR 1ROW 4POS  
PLUG HOUSING



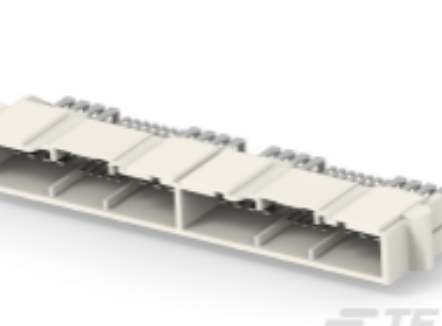
TE Part #1939152-1  
PLUG HSG ASSY 60P 0.64/1.0 SEALED  
CONN



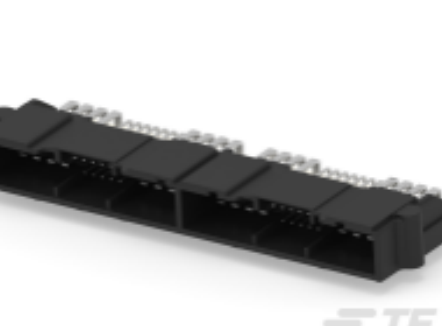
TE Part #2315530-1  
5PORT,MATENET,HDR ASSY,180DEG,  
COD A



TE Part #3-1318853-3  
025 24POS CAP ASSY H SELECTIVE-  
TIN



TE Part #3-2188220-1  
020/060 56P HDR ASSY(CODE B)



TE Part #4-2188220-2  
020/060 56P HDR ASSY(CODE C)

Documents

Product Drawings

SLEEVE DIA5 SHUR PLUG NAT

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_170889-3\_B.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_170889-3\_B.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_170889-3\_B.3d\_stp.zip

English

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