



**SHUR-PLUG 156**

TE Internal #: 170020-2

Crimp Wire Pins, Tabs & Ferrules, Shur-Plug, Mating Pin Diameter 4 mm [.157 in], 20 – 14 AWG Wire Size, .5 – 2.27 mm<sup>2</sup> Wire Size, SHUR-PLUG 156

[View on TE.com >](#)

Terminals & Splices > Crimp Wire Pins, Tabs & Ferrules



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

Mating Pin Diameter: **4 mm [.157 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 |
|------------------------------------|----------|

**Configuration Features**

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

**Contact Features**

|                           |                |
|---------------------------|----------------|
| Crimp Wire Terminal Type  | Shur-Plug      |
| Mating Pin Diameter       | 4 mm [.157 in] |
| Barrel Type               | Open           |
| Terminal Plating Material | Tin            |
| Terminal Orientation      | Straight       |

**Mechanical Attachment**

|                         |      |
|-------------------------|------|
| Wire Insulation Support | With |
|-------------------------|------|

**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 | 5.03 mm[.198 in] |
|-----------------------------|------------------|

|                        |                |
|------------------------|----------------|
| Overall Product Length | 18 mm[.708 in] |
|------------------------|----------------|

### Usage Conditions

|                   |             |
|-------------------|-------------|
| Insulation Option | Uninsulated |
|-------------------|-------------|

### Packaging Features

|                  |     |
|------------------|-----|
| Packaging Method | Bag |
|------------------|-----|

## 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 2023 (235)<br>Candidate List Declared Against: JUNE 2023 (235)<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 |
|---------------------------|--|

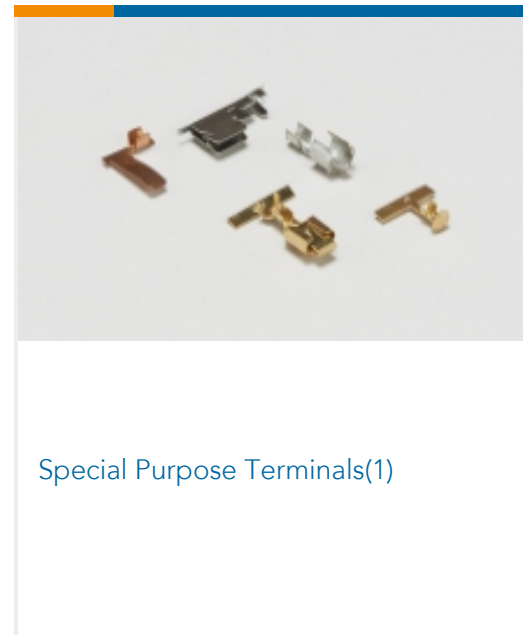
#### Product Compliance Disclaimer

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



## Also in the Series | SHUR-PLUG 156



## Customers Also Bought



## Documents

### Product Drawings

[SHUR PLUG 20-14 MM2 TPBR](#)

English

### CAD Files

[3D PDF](#)

[3D](#)



### Customer View Model

[ENG\\_CVM\\_CVM\\_170020-2\\_E.2d\\_dxf.zip](#)

English

### Customer View Model

[ENG\\_CVM\\_CVM\\_170020-2\\_E.3d\\_igs.zip](#)

English

### Customer View Model

[ENG\\_CVM\\_CVM\\_170020-2\\_E.3d\\_stp.zip](#)

English

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## Product Specifications

[Product Specification](#)

English

[No title](#)

English

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## Product Environmental Compliance

[Product Compliance](#)

English

[Product Compliance](#)

English