



SHUR-PLUG 180

TE Internal #: 60799-2  
Shur-Plug, Mating Pin Diameter 4.57 mm [.18 in], 18 – 14 AWG Wire Size, .8 – 2 mm² 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: **4.57 mm [.18 in]**  
Compatible Insulation Diameter Range: **2.29 – 3.17 mm, 3.17 mm [.09 – .125 in, .125 in]**  
Wire Size: **.8 – 2 mm²**

Features

Product Type Features

|                                    |                 |
|------------------------------------|-----------------|
| Compatible With Discrete Wire Type | Solid, Stranded |
|------------------------------------|-----------------|

Configuration Features

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

Contact Features

|                           |                 |
|---------------------------|-----------------|
| Crimp Wire Terminal Type  | Shur-Plug       |
| Mating Pin Diameter       | 4.57 mm[.18 in] |
| Barrel Type               | Open            |
| Terminal Plating Material | Unplated        |
| Terminal Orientation      | Straight        |

Mechanical Attachment

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

Dimensions

|                                      |                                                 |
|--------------------------------------|-------------------------------------------------|
| Compatible Insulation Diameter Range | 2.29 – 3.17 mm, 3.17 mm[.09 – .125 in][.125 in] |
|--------------------------------------|-------------------------------------------------|



|                             |                                    |
|-----------------------------|------------------------------------|
| Wire Size                   | 1624 – 4106 CMA                    |
| Barrel Inside Diameter      | 1.65 mm, 2.66 mm[.065 in][.105 in] |
| Terminal Material Thickness | .39 mm[.016 in]                    |
| Overall Product Length      | 22.73 mm[.895 in]                  |

Usage Conditions

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

Packaging Features

|                    |       |
|--------------------|-------|
| Packaging Quantity | 12000 |
| Packaging Method   | Reel  |

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

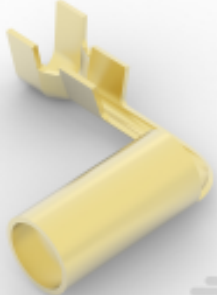
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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

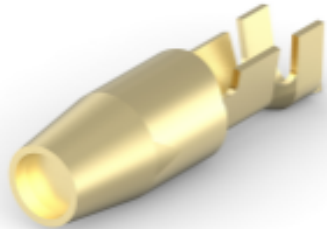




TE Part # 42700-1  
SHUR PLUG 180 RECEPTACLE 20-16 AWG BR



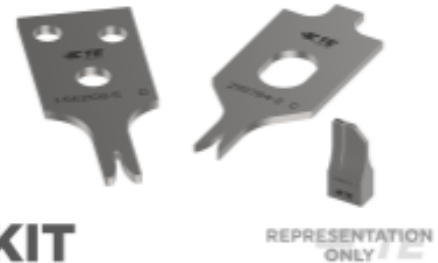
TE Part # 42749-1  
SHUR PLUG 180 REC 20-16 AWG BR



TE Part # 62757-1  
225 DIA PIN 18-14 016BR



TE Part # 2150079-2  
OCEAN\_2.0\_APPLICATOR-E-100F140F-REA



KIT  
TE Part # 7-2150079-7  
OCEAN\_2.0\_SPARE\_PART\_KIT-100F140F

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 #T1310160125-000  
H16B-TS-RO-M25



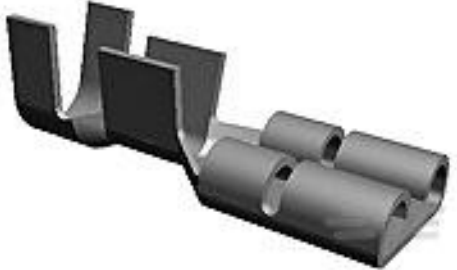
TE Part #T2040162101-000  
HE-016-M



TE Part #T3609250102-000  
DLX-25-M



TE Part #42068-1  
110 FASTON REC 22-18 AWG TPBR



TE Part #63609-2  
250 FASTON REC 22-18 AWG TPBR



TE Part #1SNK705912R0000  
EK2.5-4P



TE Part #T1340100132-000  
H10B-TGH-RO-M32



TE Part #T1620163125-000  
H16B-SDR-LB-M25



TE Part #T1660103132-000  
[H10B-SDRH-LB-M32](#)

Documents

Product Drawings

[SHUR PLUG 180 RECEPTACLE 18-14 AWG BR](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_60799-2\\_AL.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_60799-2\\_AL.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_60799-2\\_AL.3d\\_stp.zip](#)

English

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Product Specifications

[Application Specification](#)

English