



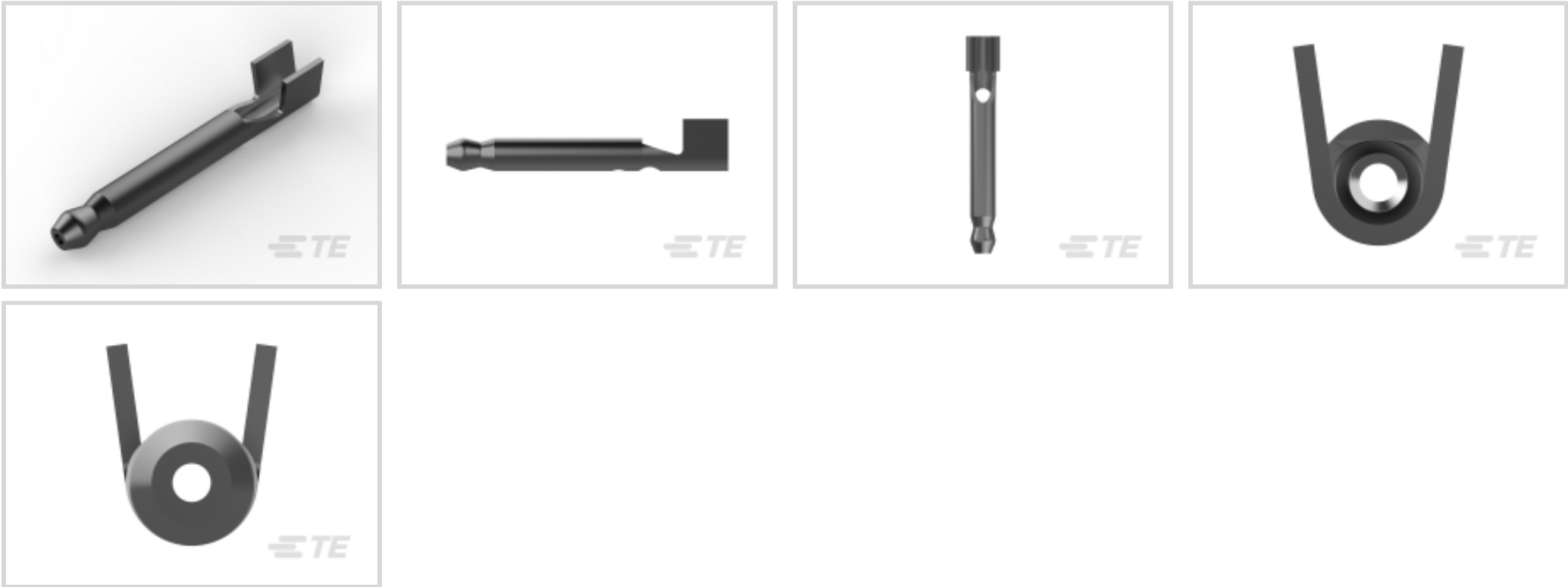
SHUR-PLUG 180

TE Internal #: 1217142-1

Crimp Wire Pins, Tabs & Ferrules, Shur-Plug, Mating Pin Diameter 4.57 mm [.18 in], 12 - 8 AWG Wire Size, 2.64 - 3.32 mm² Wire Size, SHUR-PLUG 180

[View on TE.com >](#)

Terminals & Splices > Crimp Wire Pins, Tabs & Ferrules



Crimp Wire Terminal Type: **Shur-Plug**
Mating Pin Diameter: **4.57 mm [.18 in]**
Wire Size: **6529 - 16507 CMA**

Features

Product Type Features

Compatible With Discrete Wire Type	Stranded
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Configuration Features

Compatible With Wire & Cable Type	Discrete Wire
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Contact Features

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

Mechanical Attachment

Wire Insulation Support	Without
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Dimensions

Wire Size	6529 - 16507 CMA
Barrel Inside Diameter	3.3 mm[.13 in]
Terminal Material Thickness	.76 mm[.03 in]



Overall Product Length

39.5 mm[1.56 in]

Usage Conditions

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

Packaging Features

Packaging Quantity	2000
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: JAN 2024 (240) Candidate List Declared Against: JAN 2024 (240) 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

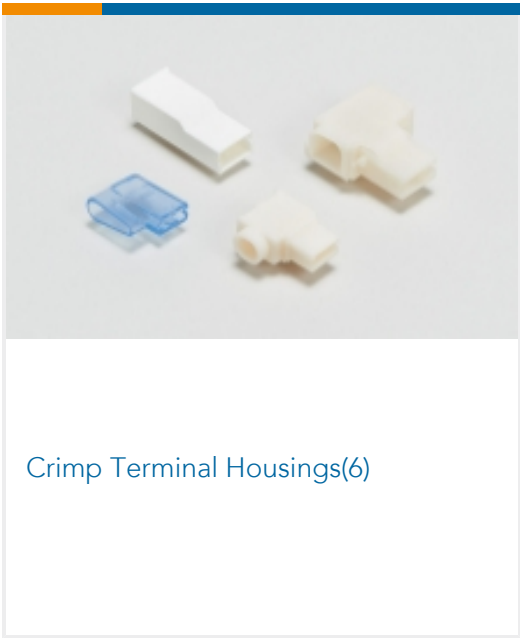
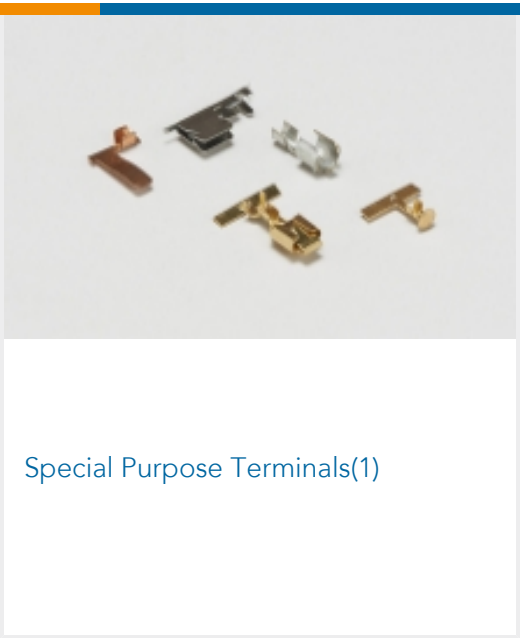
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight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

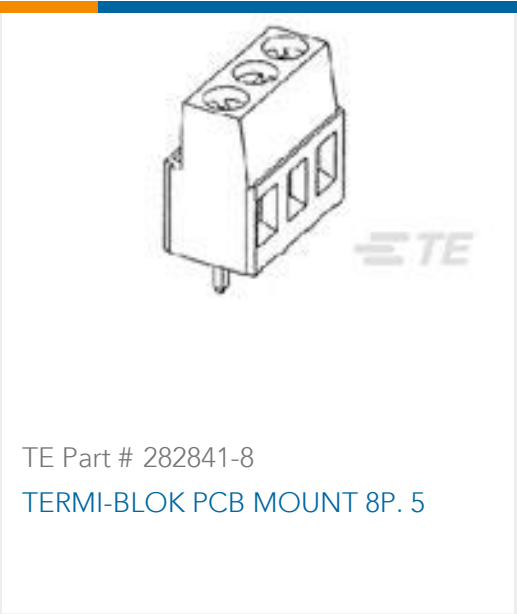


 <p>TE Part # 41854 PIN 093 (2.36 MM) REC 22-18 AWG TPBR</p>	 <p>TE Part # 61013-2 PIN .109 (2.77 MM) 18-14 AWG TPBR</p>	 <p>TE Part # 140712-2 PIN .155 DIA REC 18-14 AWG TPBR</p>	 <p>TE Part # 61012-3 PIN .109 RECEPTACLE 18-14 AWG TPBR</p>
 <p>TE Part # 150656-1 SHUR PLUG .156 DIA REC 20-16 AWG PB</p>	 <p>TE Part # 1742350-1 PIN 2.08 DIA 22-18AWG TPBR</p>	 <p>TE Part # 153209-2 SHUR PLUG .18 DIA REC 18-16 AWG TPBR</p>	 <p>TE Part # 150557 SHUR PLUG</p>
 <p>TE Part # 150558-3 SHUR PLUG</p>	 <p>TE Part # 140670 SHUR PLUG TIN PLATED AWG 14 18</p>	 <p>TE Part # 40652 PIN 119 (3.02 MM)REC 20-18 AWG BR</p>	

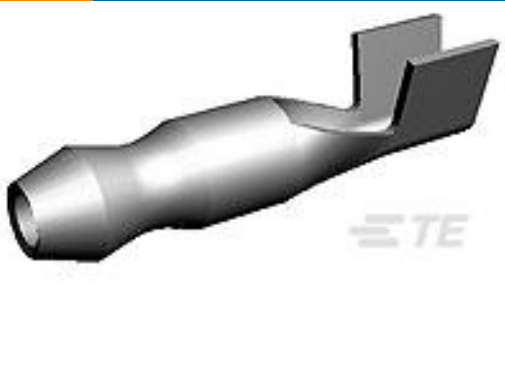
Also in the Series | SHUR-PLUG 180

 <p>Crimp Terminal Housings(6)</p>	 <p>Crimp Wire Pins, Tabs & Ferrules(37)</p>	 <p>Special Purpose Terminals(1)</p>
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Customers Also Bought

 <p>TE Part # 42891-1 SHUR PLUG 180 RECEPTACLE 14-10 AWG BR</p>	 <p>TE Part # 42891-2 SHUR PLUG 180 RECEPTACLE 14-10 AWG TPBR</p>	 <p>TE Part # 42865-3 SHUR PLUG 180 REVERSE REEL 14-10AWG TPBR</p>	 <p>TE Part # 282841-8 TERMI-BLOK PCB MOUNT 8P. 5</p>
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TE Part # 42865-1
SHUR PLUG .180 14-10 AWG BR



TE Part # 1676385-3
RN 0805 5K11 0.1% 10PPM 5KRL



TE Part # 9-1879210-5
CPF 0402 1K43 0.1% 25PPM 5K RL



TE Part # 5-2176380-1
RQ 0805 3K83 0.1% 10PPM 5K RL



TE Part # ADP-SMAM-SMBF-G
SMA Plug to SMB Jack

Documents

Product Drawings

SHUR PLUG 180 12-8 AWG TPBR

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1217142-1_E.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1217142-1_E.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1217142-1_E.3d_stp.zip

English

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Product Specifications

Product Specification

English