1217142-1 ✔ ACTIVE

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

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	Tin
Terminal Orientation	Straight

Mechanical Attachment

Wire Insulation Support	Without

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

Other

Terminals & Splices Comment	Can be molded.

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) Candidate List Declared Against: JUNE 2023 (235) 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 # 41854
PIN 093 (2.36 MM) REC 22-18 AWG TPBR



TE Part # 61013-2
PIN .109 (2.77 MM) 18-14 AWG TPBR



TE Part # 61012-3
PIN .109 RECEPTACLE 18-14 AWG TPBR



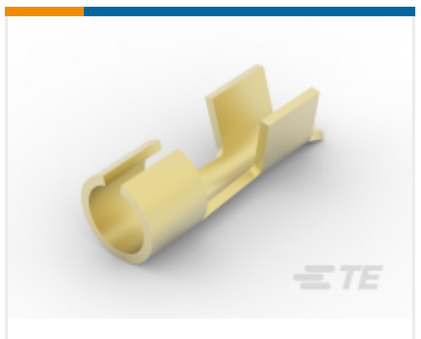
TE Part # 140712-2
PIN .155 DIA REC 18-14 AWG TPBR



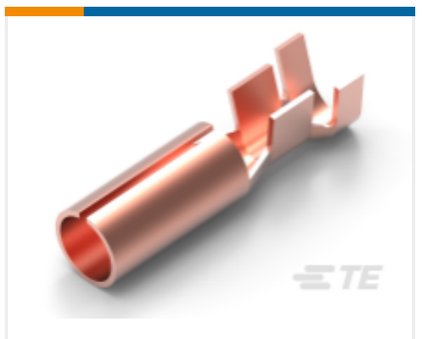
TE Part # 1742350-1
PIN 2.08 DIA 22-18AWG TPBR



TE Part # 153209-2
SHUR PLUG .18 DIA REC 18-16 AWG TPBR



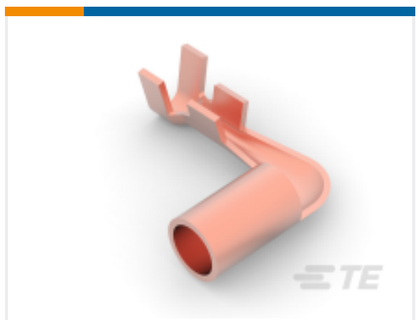
TE Part # 40652
PIN 119 (3.02 MM)REC 20-18 AWG BR



TE Part # 150557
SHUR PLUG



TE Part # 150558-3
SHUR PLUG



TE Part # 150656-1
SHUR PLUG .156 DIA REC 20-16 AWG PB



TE Part # 140670
SHUR PLUG TIN PLATED AWG 14 18

Also in the Series | SHUR-PLUG 180



Crimp Terminal Housings(6)



Crimp Wire Pins, Tabs & Ferrules(37)

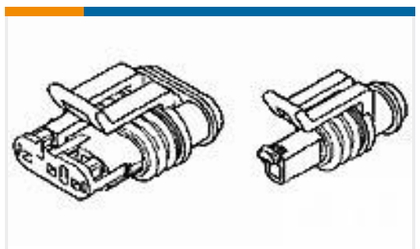


Special Purpose Terminals(1)

Customers Also Bought



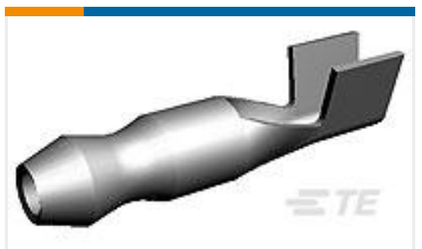
TE Part #DT06-6S-C015
PLG, 6P, GRY, E



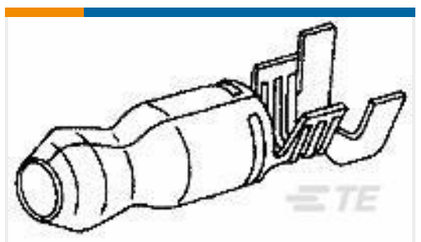
TE Part #282087-1
AMP SUPERSEAL 1.5 SERIES 3P PL



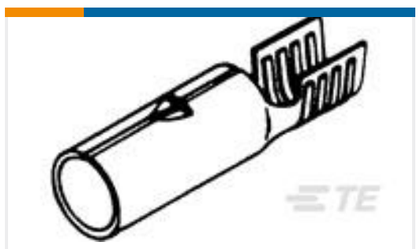
TE Part #40725
RING 190(4.82MM)TERMINAL 18-14 AWG TPBR



TE Part #42865-3
SHUR PLUG 180 REVERSE REEL 14-10AWG TPBR



TE Part #60793-1
SHUR PLUG .180 18-14 AWG TPBR



TE Part #42868-2
SHUR PLUG 180 RECEPTACLE 14-10 AWG TPBR



TE Part #60991-1
110 FASTON FLAG REC 22-16 AWG BR



TE Part #61802-1
SHUR PLUG .156 18-14 AWG PTPBR



TE Part #282109-1
AMP SUPERSEAL 1.5MM, RECEPTACLE AND TAB

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