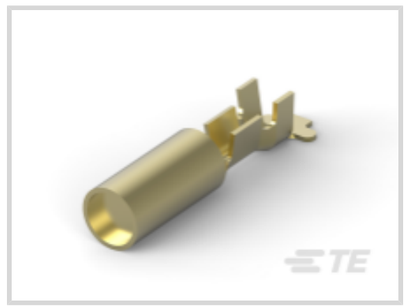
42531-1 SUPERSEDED

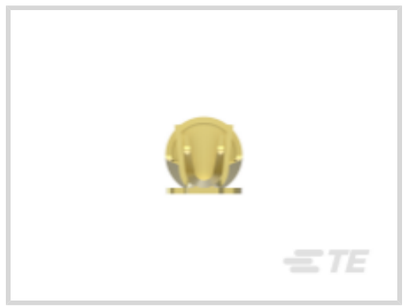
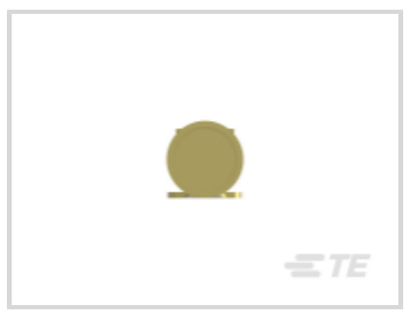
TE Internal #: 42531-1

TE Internal Description: 180 SHPL REC 20-16 016BR

View on TE.com >

Terminals & Splices > Crimp Wire Pins, Tabs & Ferrules



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

Mating Pin Diameter: **4.57 mm [.18 in]**

Compatible Insulation Diameter Range: **2.29 – 3.05 mm, 3.05 mm [.09 – .12 in, .12 in]**

Wire Size: **.5 – 1.3 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 Terminal
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 – 3.05 mm, 3.05 mm[.09 – .12 in][.12 in]
Wire Size	1021 – 2582 CMA
Barrel Inside Diameter	1.29 mm, 2.54 mm[.051 in][.1 in]
Terminal Material Thickness	.41 mm[.016 in]

Overall Product Length	19.94 mm[.785 in]

Usage Conditions

Insulation Option	Uninsulated

Packaging Features

Packaging Quantity	12500
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	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2022 (224) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not applicable for solder process capability

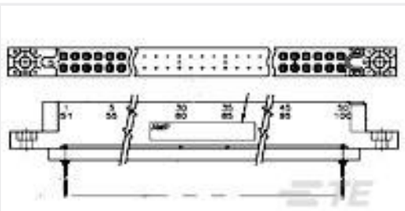
Product Compliance Disclaimer

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

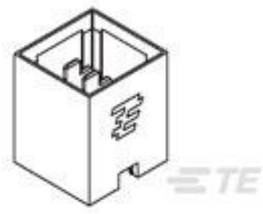
Customers Also Bought



TE Part #63196-2
PL 187 RECEPTACLE 24-20 AWG PTPBR



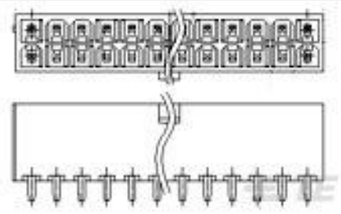
TE Part #530781-7
2 ROW BOX RECP 90 POS 100 C/L



TE Part #1645498-2
UNV,PWR,MDL.4 POS. VERT.HDR, 15MM STACK



TE Part #1-1658624-0
050 NOVO DUAL 30DP FT



TE Part #4-1775099-8
ATX PWR CONN 24 POS



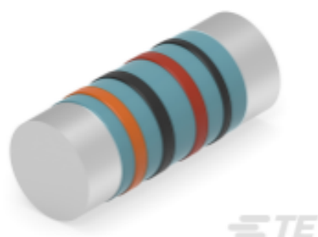
TE Part #1-2229794-2
D3950 REC 7/11POS 1ROW Y KEY MARKED



TE Part #1-2271454-6
D3950 REC 6POS 1ROW X KEY MARKED



TE Part #1-2271457-6
D3950 HDR 6POS 1ROW X KEY



TE Part #1879283-4
MELF SMA 82K 5% 100PPM 0.5W 0207



TE Part #493511-1
SPACER TPA CENTRAL

Documents

Product Drawings

180 SHPL REC 20-16 016BR

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_42531-1_BD.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_42531-1_BD.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_42531-1_BD.3d_stp.zip

English

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Product Specifications

Application Specification

English

Agency Approvals

Agency Approval Document

English