

142686-1 ✓ ACTIVE



Positive Lock 197

TE Internal #: 142686-1

Quick Disconnects, Receptacle, 17 – 13 AWG Wire Size, 1.03 – 2.62 mm² Wire Size, Mating Tab Width .2 in [5.08 mm], Straight, Positive Lock 197

[View on TE.com >](#)

Terminals & Splices > Quick Disconnects



Quick Disconnect Terminal Type: **Receptacle**

Wire Size: **1.03 – 2.62 mm²**

Mating Tab Width: **5.08 mm [.2 in]**

Mating Tab Thickness: **.81 mm [.032 in]**

Features

Product Type Features

Terminates To	Wire & Cable
Wire Stop	No
Wire/Cable Type	FLK
Insertion Force	Low

Contact Features

Quick Disconnect Terminal Type	Receptacle
Mating Tab Width	5.08 mm[.2 in]
Mating Tab Thickness	.81 mm[.032 in]
Terminal Orientation	Straight
Contact Base Material	Phosphor Bronze
Terminal Plating Material	Pre-Tin
Crimp Type	F-Crimp
Barrel Type	Open

Mechanical Attachment

Wire Insulation Support	With
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Dimensions

Accepts Wire Insulation Diameter Range	2.01 – 3.2 mm [.079 – .126 in]
Overall Length	21 mm [.826 in]
Receptacle Terminal Stock Thickness	.41 mm [.016 in]
Wire Size	1.03 – 2.62 mm ²

Usage Conditions

Insulation Option	Uninsulated
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Industry Standards

UL Rating	Recognized
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Packaging Features

Packaging Quantity	3500
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 2022 (224) Candidate List Declared Against: JAN 2022 (223) SVHC > Threshold: Not Yet Reviewed
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 # 142680-1
PL MK III 2 POS HOUSING BROEN
RAL 8016



TE Part # 142680-4
PL MK III 2 POS HOUSING YELLOW
RAL 1016



TE Part # 142681-1
PL MK III 3 POS HOUSING BROEN



TE Part # 142681-4
PL MK III 3 POS HOUSING YELLOW



TE Part # 142685-5
L.I.F PL CONTACT 5MM 0.35-1 MM2
PTPPHBZ



TE Part # 881598-2
RECEPTACULO 50 MM



TE Part # 2150078-1
OC-AT-E-FM-110F180F-001-0111




TE Part # 2150078-2
OC-AT-E-FA-110F180F-001-0111




KIT
REPRESENTATION ONLY

TE Part # 7-2150078-7
OC-110F180F-CRIMPTOOLINGKIT

Also in the Series | Positive Lock 197

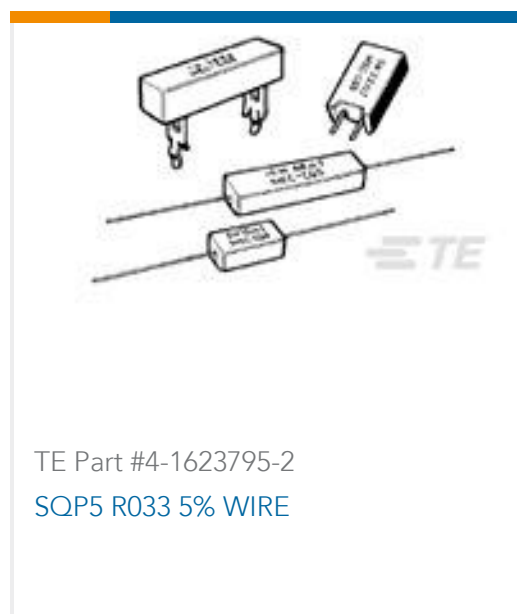


Crimp Terminal Housings(6)



Quick Disconnects(5)

Customers Also Bought



TE Part #4-1623795-2
SOP5 R033 5% WIRE



TE Part #42281-2
FF 250 REC 18-14AWG TPBR



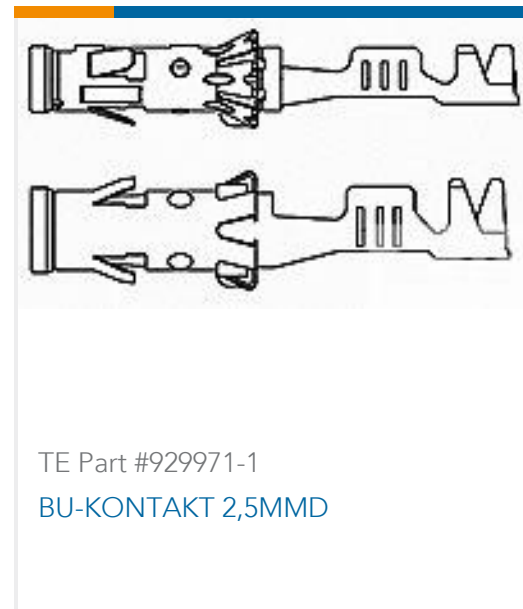
TE Part #346027-1
FASTIN FASTON HOUSING
RECEPTACLE



TE Part #42100-2
FF 250 REC 18-14AWG TPBR



TE Part #175411-1
110 PL REC. 24-20AWG PTBR



TE Part #929971-1
BU-KONTAKT 2,5MMD



TE Part #3-521013-2
ULTRA-FAST 250 ASY REC 16-14 AWG
TPBR



TE Part #206502-1
PLUG ASSY,62 POSN,AMPLIMITE



TE Part #60742-2
187 FASTON REC 18-14 AWG TPBR

Documents

Product Drawings

[L.I.F PL CONTACT 5MM 1 TO 3 MM2 PTPPHBZ](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_142686-1_S.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_142686-1_S.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_142686-1_S.3d_stp.zip](#)

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Customer View Model

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English

Customer View Model

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English

3D PDF

English

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Datasheets & Catalog Pages

[1654742_HOUSEHOLD_APPLIANCES_RAST5](#)

English

Product Environmental Compliance

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