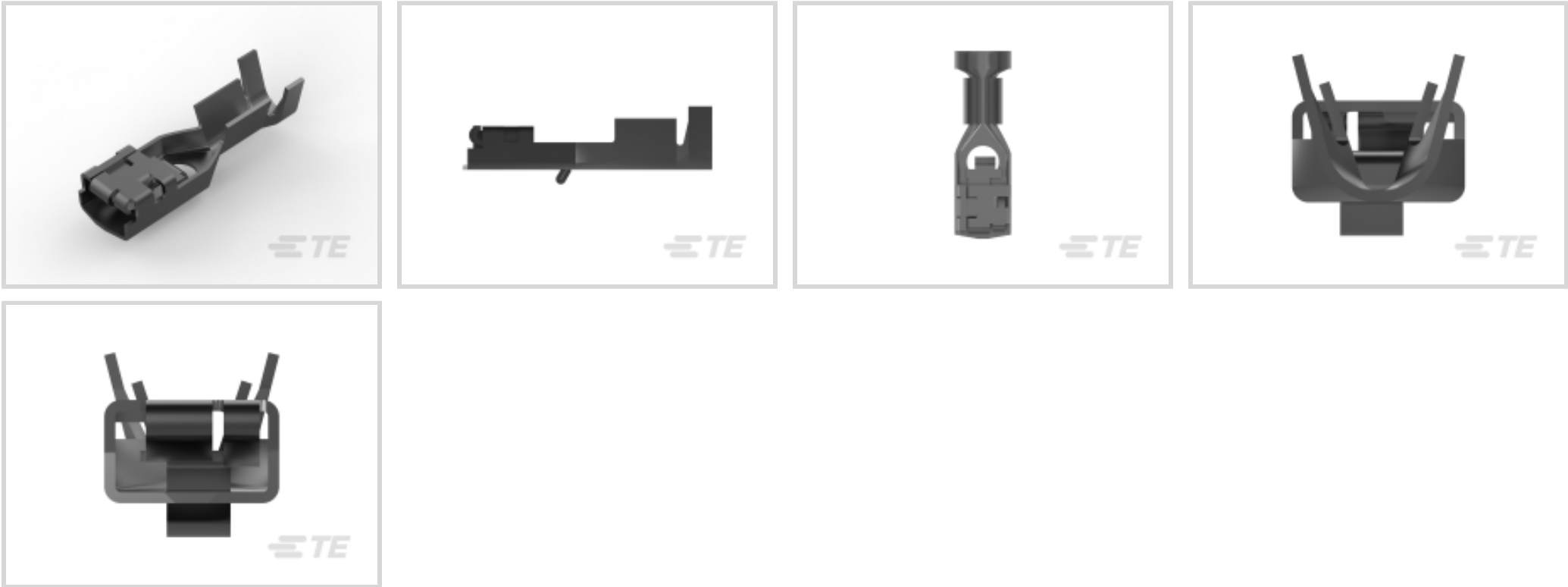




Positive Lock 197

TE Internal #: 142686-1
Positive Lock 197, Quick Disconnects, Receptacle, 17 – 13AWG
Wire Size, 1.03 – 2.62mm² Wire Size, Quick Disconnect Mating Tab
Width 5.08 mm [.2 in]
[View on TE.com >](#)

Terminals & Splices > Quick Disconnects



Terminal & Splice Type: **Receptacle**
Wire Size: **1.03 – 2.62 mm²**
Quick Disconnect Mating Tab Width: **5.08 mm [.2 in]**
Quick Disconnect Mating Tab Thickness: **.81 mm [.032 in]**

Features

Product Type Features

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

Body Features

Fully Insulated	No
Quick Disconnect Plating Material	Pre-Tin

Contact Features

Terminal Type	Receptacle
Terminal & Splice Type	Receptacle
Quick Disconnect Terminal Orientation	Straight
Contact Base Material	Phosphor Bronze
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 mm²
Quick Disconnect Mating Tab Width	5.08 mm[.2 in]
Quick Disconnect Mating Tab Thickness	.81 mm[.032 in]

Usage Conditions

Insulation Requirement	Uninsulated
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Industry Standards

UL Rating	Recognized
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Packaging Features

Packaging Quantity	3500
Quick Disconnect 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 2021 (211) Candidate List Declared Against: JAN 2021 (211) 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 # 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)
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Customers Also Bought

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_142686-1_D.3d_igs.zip

English

Customer View Model

ENG_CVM_142686-1_D.3d_stp.zip

English

Customer View Model

ENG_CVM_142686-1_D.2d_dxf.zip

English

3D PDF



English

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](#)

English

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Datasheets & Catalog Pages

[1654742_HOUSEHOLD_APPLIANCES_RAST5](#)

English

Product Environmental Compliance

[Product Compliance](#)

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[Product Compliance](#)

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