

142686-1 ✓ ACTIVE



Positive Lock | Positive Lock 197

TE Internal #: 142686-1

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

[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

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

Dimensions

Wire Size	1.03 – 2.62 mm ²
Product Length	21 mm [.826 in]
Compatible Insulation Diameter Range	2.01 – 3.2 mm [.079 – .126 in]
Terminal Material Thickness	.41 mm [.016 in]

Packaging Features

Packaging Method	Reel
------------------	------



Packaging Quantity	3500
--------------------	------

Product Type Features

Insertion Force	Low
-----------------	-----

Usage Conditions

Insulation Option	Uninsulated
-------------------	-------------

Other

EU RoHS Compliance	Compliant
--------------------	-----------

EU ELV Compliance	Compliant
-------------------	-----------

Configuration Features

Compatible With Wire & Cable Type	FLK
-----------------------------------	-----

Termination Features

Product Terminates To	Wire & Cable
-----------------------	--------------

Mechanical Attachment

Wire Insulation Support	With
-------------------------	------

Industry Standards

Compatible With Agency/Standards Products	UL
-------------------------------------------	----

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 2024 (241) Candidate List Declared Against: JUNE 2024 (241) 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



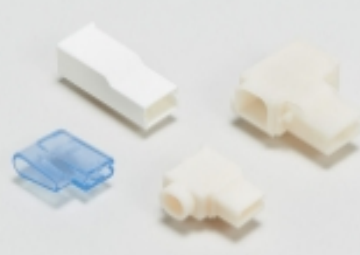
TE Part # 142681-4
PL MK III 3 POS HOUSING YELLOW




KIT
REPRESENTATION ONLY

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

Also in the Series | Positive Lock 197



Crimp Terminal Housings(6)



Quick Disconnects(2)

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_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

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

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

[1654742_HOUSEHOLD_APPLIANCES_RAST5](#)

English