



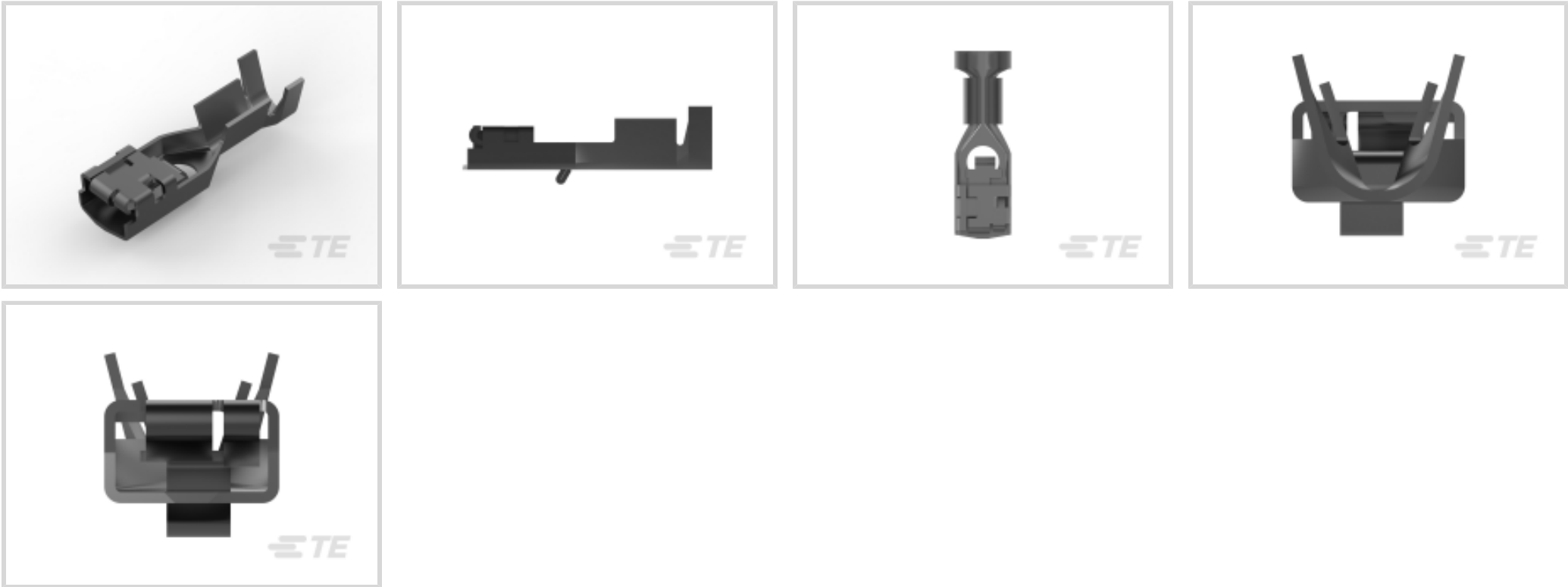
Positive Lock | Positive Lock 197

TE Internal #: 142686-1

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

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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

Insertion Force	Low
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Configuration Features

Compatible With Wire & Cable Type	FLK
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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

Termination Features

Product Terminates To	Wire & Cable
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Mechanical Attachment

Wire Insulation Support	With
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Dimensions

Terminal Material Thickness	.41 mm[.016 in]
Product Length	21 mm[.826 in]
Compatible Insulation Diameter Range	2.01 – 3.2 mm[.079 – .126 in]
Wire Size	1.03 – 2.62 mm²

Usage Conditions

Insulation Option	Uninsulated
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Industry Standards

Agency/Standard	UL
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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 2023 (235) Candidate List Declared Against: JAN 2023 (233) 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

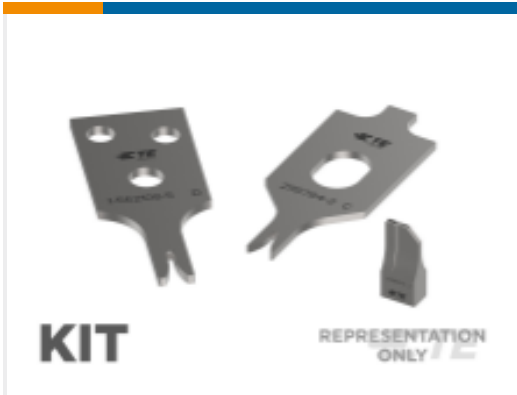
Product Compliance Disclaimer

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

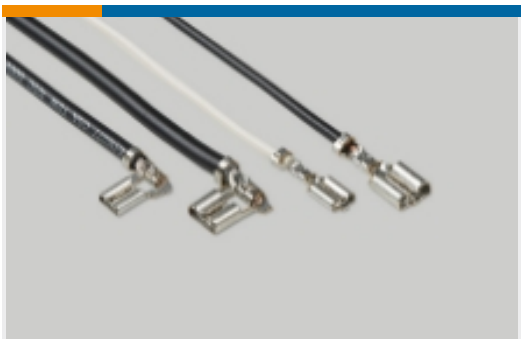


as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: <https://echa.europa.eu/guidance-documents/guidance-on-reach>

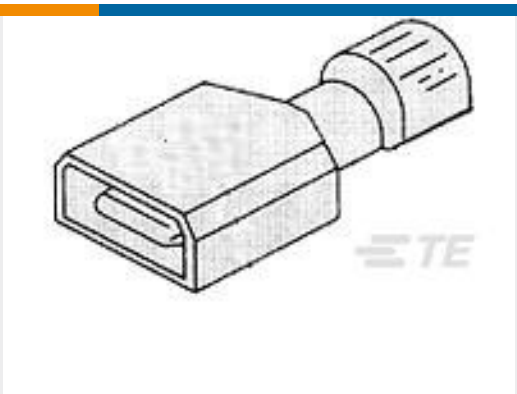
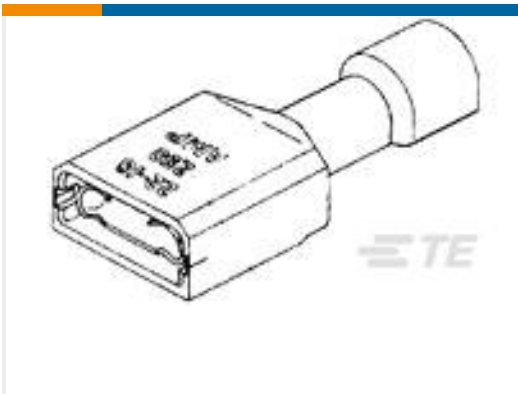
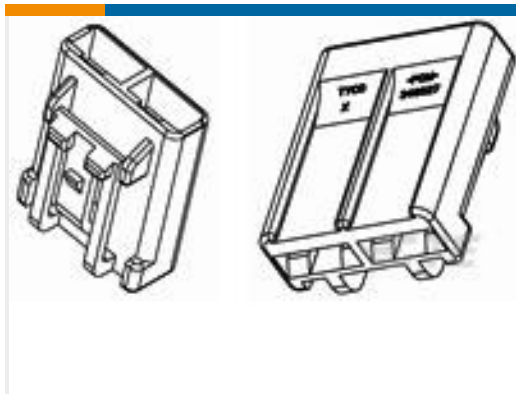
Compatible Parts

 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 # 2150078-1 OC-AT-E-FM-110F180F-001-0111	 TE Part # 2150078-2 OC-AT-E-FA-110F180F-001-0111	 TE Part # 7-2150078-7 OC-110F180F-CRIMP TOOLING KIT	

Also in the Series | Positive Lock 197

 Crimp Terminal Housings(6)	 Quick Disconnects(5)
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Customers Also Bought

 TE Part #2-521102-2 ULTRA-FAST 187 ASY Tab 22-18 TPBR	 TE Part #3-520124-2 187 ULTRA-FAST ASY REC 16-14 AWG TPBR	 TE Part #42281-2 FF 250 REC 18-14AWG TPBR	 TE Part #346027-1 FASTIN FASTON HOUSING RECEPTACLE
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TE Part #3-521013-2

ULTRA-FAST 250 ASY REC 16-14 AWG TPBR

TE Part #42100-2

FF 250 REC 18-14AWG TPBR

TE Part #175411-1

110 PL REC. 24-20AWG PTBR

TE Part #1801286-1

9W SEALED CONNECTOR FOR MCP CONTACT

TE Part #3-2098922-3

SDM,54P PLUG ASY,RHL,KEY B

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

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

142686-1

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Datasheets & Catalog Pages
1654742_HOUSEHOLD_APPLIANCES_RAST5
English