



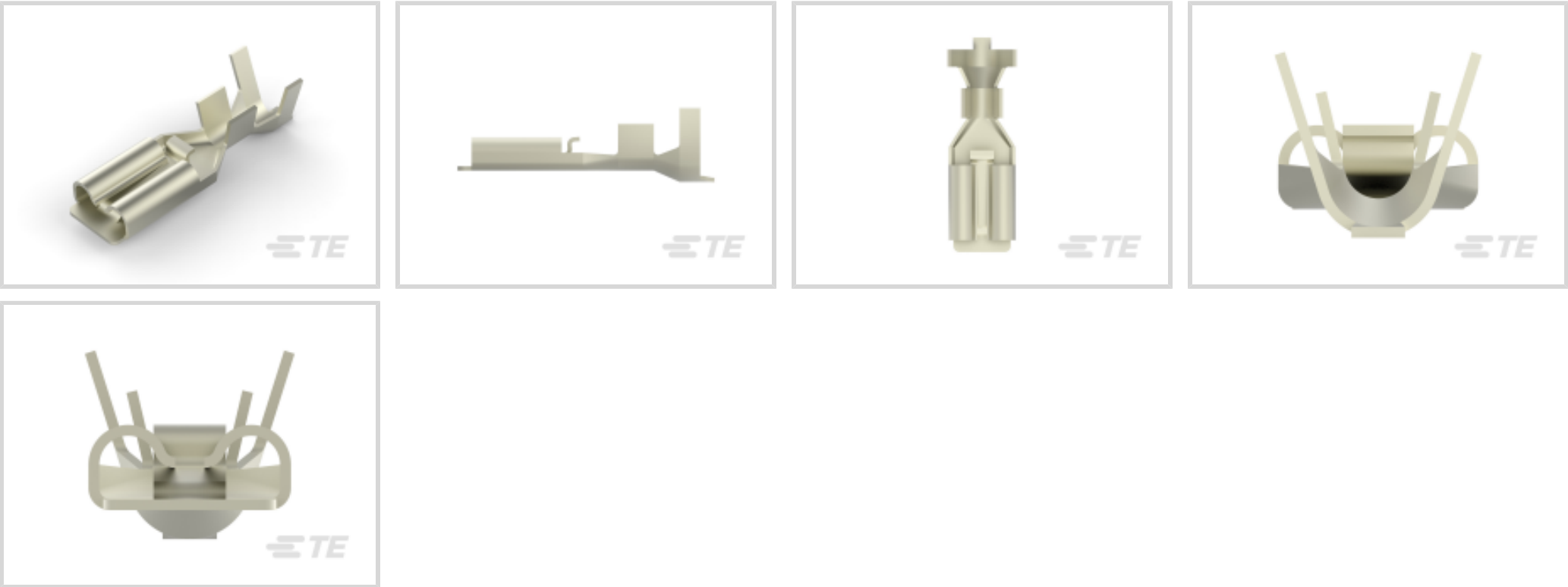
Positive Lock | Positive Lock 187

TE Internal #: 175034-1

Quick Disconnects, Receptacle, 20 - 14 AWG Wire Size, .51 - 2.08 mm² Wire Size, Mating Tab Width 4.75 mm [.187 in], Straight, Positive Lock 187

[View on TE.com >](#)

Terminals & Splices > Quick Disconnects



Quick Disconnect Terminal Type: **Receptacle**

Wire Size: **.51 - 2.08 mm²**

Mating Tab Width: **4.75 mm [.187 in]**

Mating Tab Thickness: **.51 mm [.02 in]**

Features

Product Type Features

Insertion Force	Low
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Configuration Features

Compatible With Wire & Cable Type	Discrete Wire
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Contact Features

Quick Disconnect Terminal Type	Receptacle
Mating Tab Width	4.75 mm[.187 in]
Mating Tab Thickness	.51 mm[.02 in]
Terminal Orientation	Straight
Contact Base Material	Stainless Steel
Terminal Plating Material	Unplated
Crimp Type	F-Crimp
Barrel Type	Open

Termination Features

Product Terminates To	Wire & Cable
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Mechanical Attachment

Extraction Force	7 - 100 Newton
Wire Insulation Support	With
Mating Retention Type	Dimple

Dimensions

Terminal Material Thickness	.3 mm[.012 in]
Product Length	17.2 mm[.68 in]
Compatible Insulation Diameter Range	1.9 - 4.45 mm[.075 - .173 in]
Wire Size	.51 - 2.08 mm ²

Usage Conditions

Insulation Option	Uninsulated
Operating Temperature Range	-40 - 250 °C[-40 - 482 °F]

Industry Standards

Compatible With Agency/Standards Products	UL
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Packaging Features

Packaging Quantity	6000
Packaging Method	Strip/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 2024 (240) Candidate List Declared Against: JAN 2024 (240) 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 # 1743058-1
PL 187 REC 22-16 AWG 0.3 X 22.8 PTBR

TE Part # 2150058-1
OCEAN_2.0_Applicator-E-110F200F-REM

TE Part # 2150058-2
OCEAN_2.0_Applicator-E-110F200F-REA

TE Part # 7-2150058-7
OCEAN_2.0_SPARE_PART_KIT-110F200F

TE Part # 7-2150058-1
OCEAN_2.0_Applicator-E-110F200F

TE Part # 7-2150058-2
OCEAN_2.0_Applicator-E-110F200F

Also in the Series | Positive Lock 187

Crimp Terminal Housings(86)

Insertion & Extraction Tools(2)

Insulation Boots & Sleeves(7)

Quick Disconnects(57)

Customers Also Bought

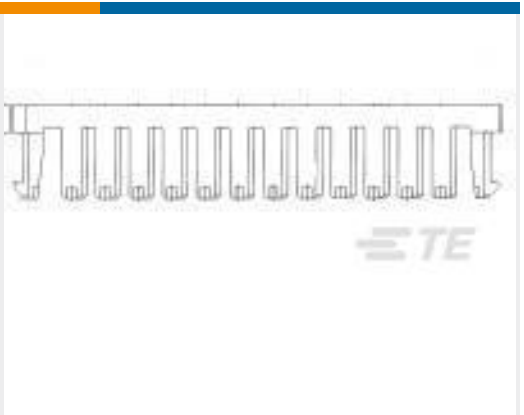




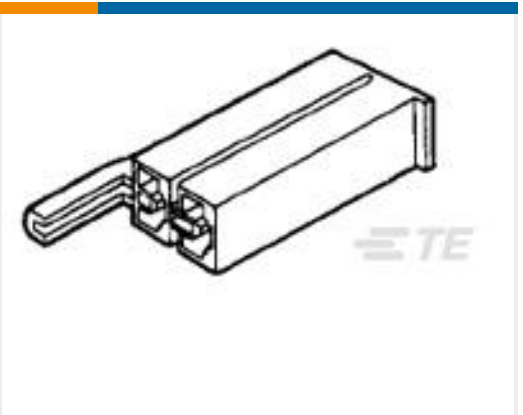
TE Part # 917693-1
STD Temp Signal Double Lock Plug



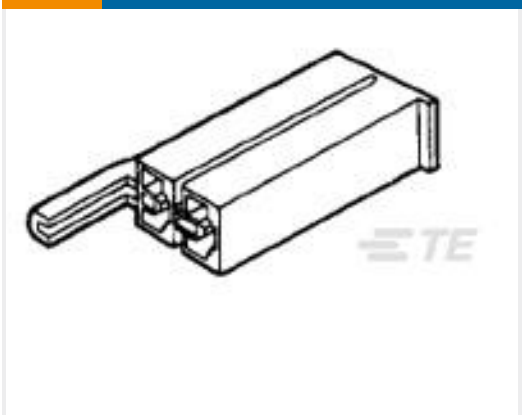
TE Part # 917705-1
2.5 SIGNAL DBL LOCK D.L.P. 9P



TE Part # 1746076-1
2.5SDL DBL 14P HSG NAT



TE Part # 1-174587-5
PL MK2 2P 187 HOUSING RECEPTACLE GREEN



TE Part # 1-174587-6
PL MK2 2P 187 HOUSING RECEPTACLE BLUE



TE Part # 1743165-5
POSITIVE LOCK 250 RECEPTACLE



TE Part # 2232575-1
2.5 SIGNAL D/LOCK TAB CONT. M



TE Part # 368601-1
POSITIVE LOCK EX 187 HOUSING REC

TE Part # 3-2232844-1
NEW GI CONN2.5 PLUG HSG 3P NC KEY A

Documents

Product Drawings

PL 187 REC 20-14 AWG 0.30 X 14.0 SS

Japanese

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_175034-1_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_175034-1_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_175034-1_B.3d_stp.zip

English

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

Datasheets & Catalog Pages



Positive Lock Receptacles

English

Product Specifications

Application Specification

English

Instruction Sheets

Instruction Sheet (non U.S.)

English

POSITIVE LOCK EX CONTACT

English