



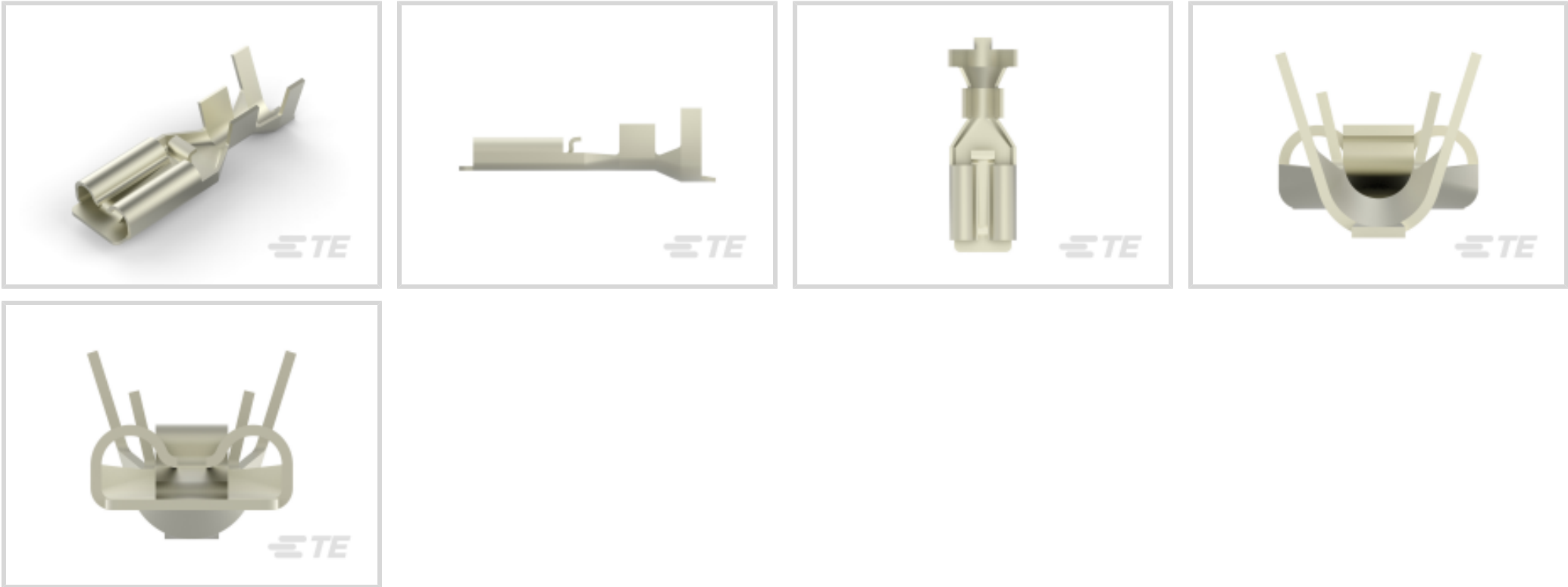
Positive Lock | Positive Lock 187

TE Internal #: 175034-1

Quick Disconnect Receptacle, 20 – 14 AWG, .51 – 2.08 mm² Wire,
4.75 mm [.187 in] Tab Width, Straight, Stainless Steel, 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

Industry Standards

Compatible With Agency/Standards Products	UL
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Configuration Features

Compatible With Wire & Cable Type	Discrete Wire
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Termination Features

Product Terminates To	Wire & Cable
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Mechanical Attachment

Wire Insulation Support	With
Mating Retention Type	Dimple
Extraction Force	.7 – 10.2 kgf

Packaging Features

Packaging Quantity	6000
Packaging Method	Strip/Reel

Dimensions

Product Length	17.2 mm[.68 in]
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Compatible Insulation Diameter Range	1.9 – 4.45 mm[.075 – .173 in]
Terminal Material Thickness	.3 mm[.012 in]
Wire Size	.51 – 2.08 mm²

Product Type Features

Insertion Force	Low
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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

Usage Conditions

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

Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

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



KIT

TE Part # 7-2150058-7
[OCEAN_2.0_SPARE_PART_KIT-110F200F](#)



TE Part # 1743058-1
[PL 187 REC 22-16 AWG 0.3 X 22.8 PTBR](#)

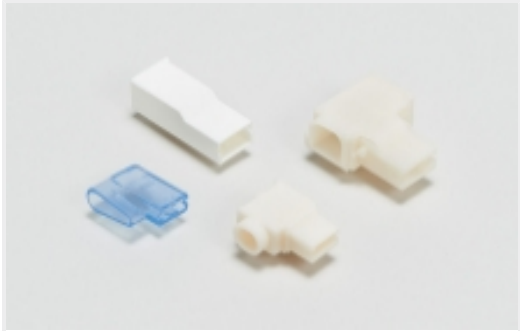


TE Part # 2150058-1
[OCEAN_2.0_Applicator-E-110F200F-REM](#)



TE Part # 2150058-2
[OCEAN_2.0_Applicator-E-110F200F-REA](#)

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



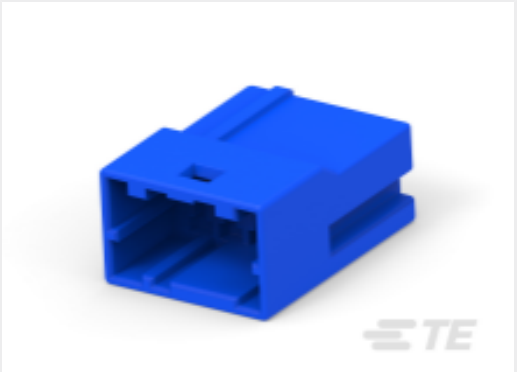
TE Part #1-1123824-1
[EP 1P HDR NATURAL](#)



TE Part #2112132-1
[JPT REC 2.8 Contact SRC Blank](#)



TE Part #1376386-2
[5mm B-T-W Conn. 4P\(2row\) HDR A](#)



TE Part #2-2232574-3
[GIC 2.5 W CAP HSG 4P BLUE](#)



TE Part #2174298-1
5mm POWER KEY 3P HDR ASSEMBLY

TE Part #2232574-1
GIC 2.5 W CAP HSG 4P NATURAL

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

TE Part #1376382-2
5MM B-T-W CONN. 2P HDR ASSEMBL (W/O GF)

TE Part #2-1376382-4
5.0 PK CONN. 2P HDR ASSY(W/O GF) - BLUE

TE Part #3-1376386-5
5mm B-T-W Conn. 4P(2row) HDR 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.)

175034-1

Quick Disconnect Receptacle, 20 – 14 AWG, .51 – 2.08 mm² Wire, 4.75 mm [.187 in]
Tab Width, Straight, Stainless Steel, Positive Lock 187



English

POSITIVE LOCK EX CONTACT

English