



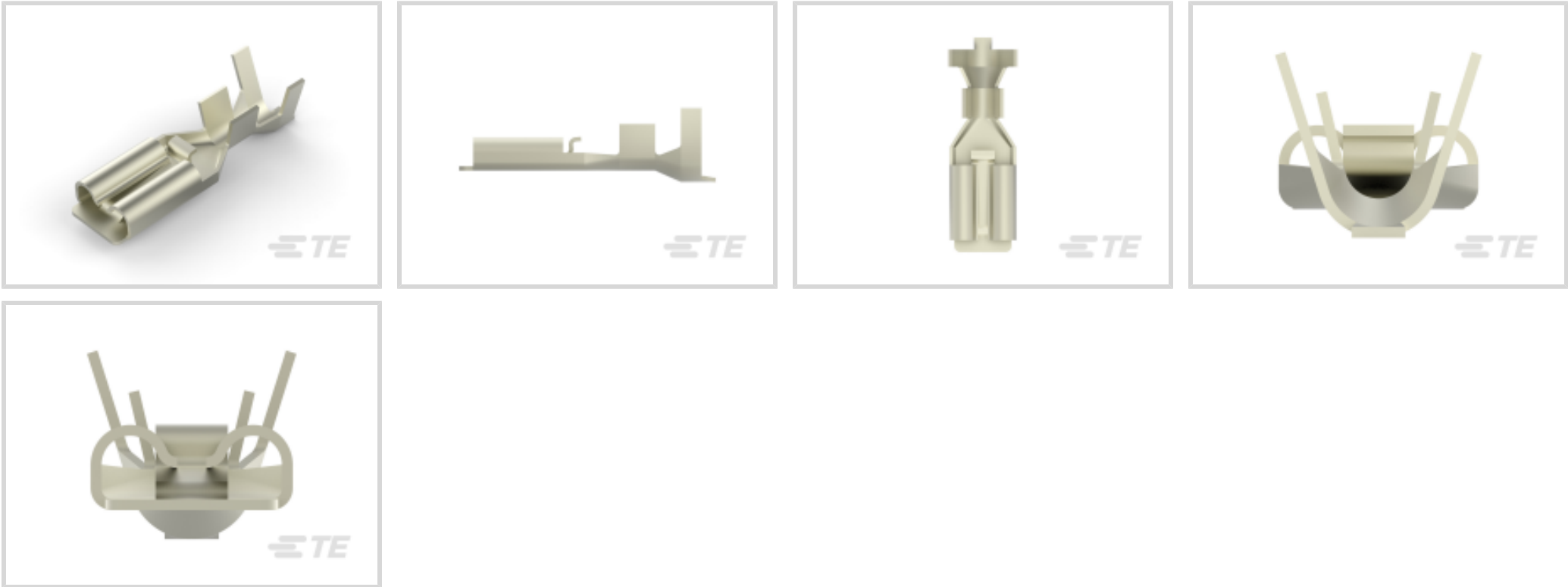
Positive Lock | Positive Lock 187

TE Internal #: 175034-1

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

[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

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

Dimensions

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

Packaging Features

Packaging Method	Strip/Reel
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Packaging Quantity	6000
Product Type Features	
Insertion Force	Low
Usage Conditions	
Insulation Option	Uninsulated
Operating Temperature Range	-40 – 250 °C[-40 – 482 °F]
Other	
EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant
Configuration Features	
Compatible With Wire & Cable Type	Discrete Wire
Termination Features	
Product Terminates To	Wire & Cable
Mechanical Attachment	
Wire Insulation Support	With
Mating Retention Type	Dimple
Extraction Force	.7 – 10.2 kgf
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 # 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

Also in the Series | Positive Lock 187

Crimp Terminal Housings(86)

Insertion & Extraction Tools(2)

Insulation Boots & Sleeves(7)

Quick Disconnects(57)

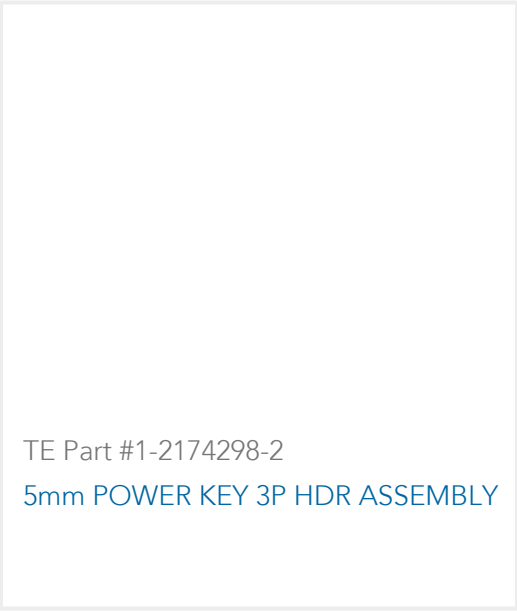
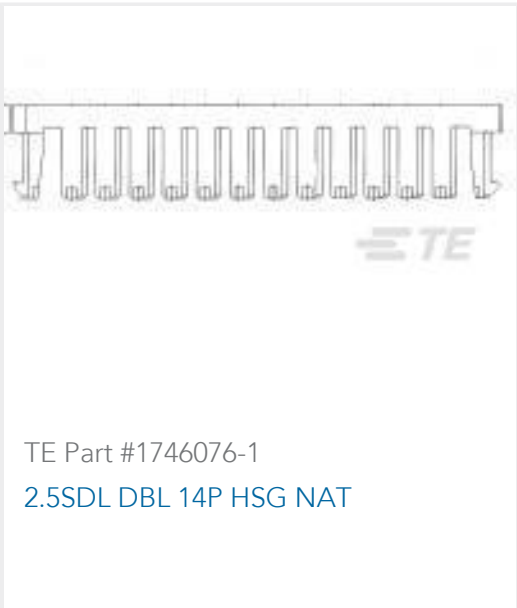
Customers Also Bought

TE Part #917693-1
2.5 SIGNAL D/LOCK PLUG HSG 9P

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

TE Part #1534072-2
MULTIF.ASSY MK2 2POS,AR

TE Part #173974-1
187 HSG. PL MKII REC. NAT



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

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



English

POSITIVE LOCK EX CONTACT

English