



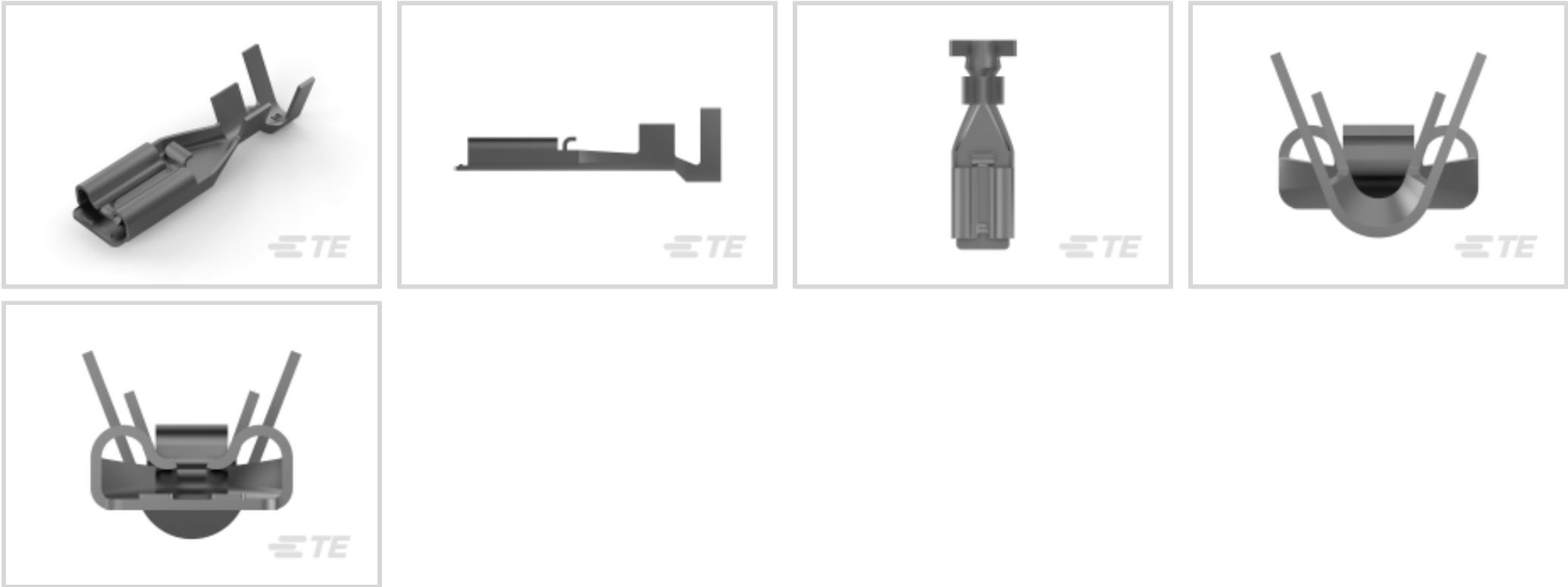
Positive Lock | Positive Lock 187

TE Internal #: 173725-1

Quick Disconnect Receptacle, 20 – 14 AWG, .51 – 2.08 mm² Wire,
4.75 mm [.187 in] Tab Width, Straight, Brass, Pre-Tin Plating,
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	Brass
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
Mating Retention Type	Dimple
Extraction Force	.7 – 10.2 kgf

Dimensions

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]
Wire Size	.51 – 2.08 mm ²

Usage Conditions

Insulation Option	Uninsulated
Operating Temperature Range	-40 – 110 °C[-40 – 230 °F]

Industry Standards

Compatible With Agency/Standards Products	UL
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Packaging Features

Packaging Quantity	1000
Packaging Method	Loose Piece/Carton

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 2025 (247) Candidate List Declared Against: JAN 2025 (247) 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

Also in the Series | Positive Lock 187

Crimp Terminal Housings(85)

Insertion & Extraction Tools(2)

Insulation Boots & Sleeves(7)

Quick Disconnects(57)

Customers Also Bought

TE Part #174353-7
070 ECONOSEAL MARK-2 PLATE 2P

TE Part #174355-7
070 ECONOSEAL MARK-2 P/CAP 2P

TE Part #2013892-1
FAN MOTOR CONNECTOR D1000
CAPHSG3P ASSY

TE Part #2304873-2
KIT, REC CONN,WITH CONT, MMC-
PUSH ON-B-F



TE Part #2320298-2
KIT, REC CONN, VERTICAL MMC-
PUSH ON-B-F

TE Part #2822354-1
070 TYPE RUBBER PLUG

TE Part #2013891-1
FAN MOTOR CONNECTOR D1000
PLUGHSG3P ASSY

TE Part #2260110-6
MINI IO PIERCING CABLE ASSY L1000

TE Part #173600-1
070 TYPE LOOSE PIECE TAB CONT

TE Part #2314083-2
KIT, REC CONN W CON, RA MMC-
PO-P-F90

Documents

Product Drawings

PL 187 REC TERMINAL 20-14 PTPB LP

English

CAD Files

Customer View Model

ENG_CVM_CVM_173725-1_U.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_173725-1_U.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_173725-1_U.3d_stp.zip

English

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

Product Specifications

Application Specification

English

Instruction Sheets

Instruction Sheet (non U.S.)

English

POSITIVE LOCK EX CONTACT

English



[Agency Approvals](#)

[UL Report](#)

English