



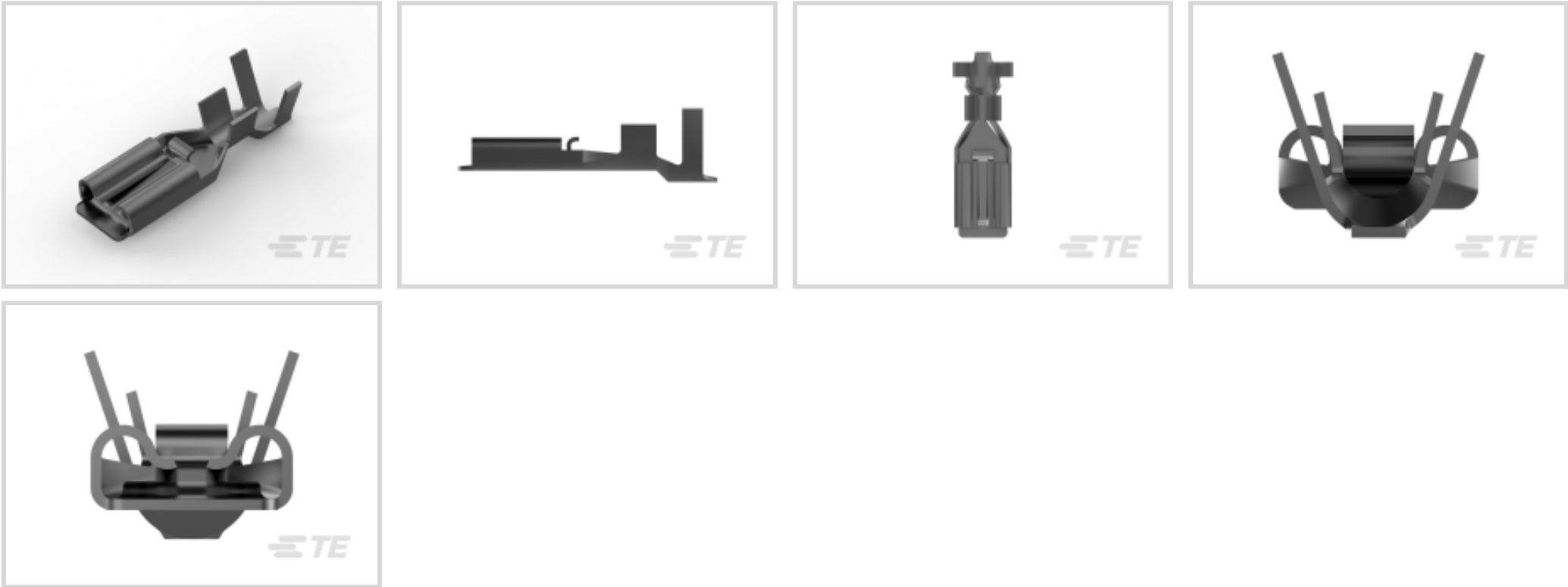
Positive Lock | Positive Lock 187

TE Internal #: 173724-1

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

Connection Capacity	Single
Compatible With Wire & Cable Type	Discrete Wire

Electrical Characteristics

Voltage Rating	250 V
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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
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Dimensions

Terminal Material Thickness	.3 mm[.012 in]
Product Length	17.2 mm[.677 in]
Compatible Insulation Diameter Range	1.9 – 4.4 mm[.074 – .173 in]
Wire Size	.51 – 2.08 mm²

Usage Conditions

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

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 2023 (233) 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

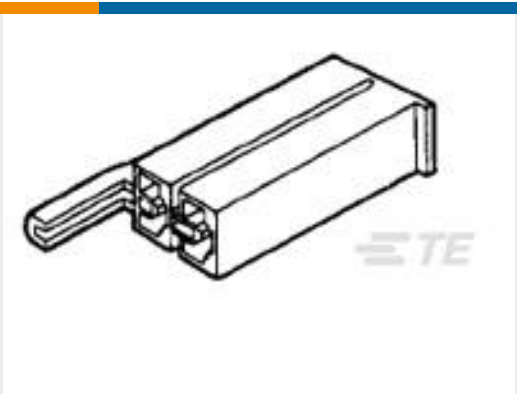
TE Part # 1-172075-1 3 POS PL 187(4.8 MM) HOUSING NATURAL	TE Part # 2232342-1 187 PL EX FLAG REC. 22-16AWG PTBR	TE Part # 2013799-1 250 HSG. PL EX REC. BLACK	TE Part # 1743058-1 PL 187 REC 22-16 AWG 0.3 X 22.8 PTBR
TE Part # 1743221-1 250 PL EX FLAG REC. 18-12AWG PTBR	TE Part # 2-2150058-1 OCEAN_2.0_Applicator-E-110F200F	TE Part # 2-2150058-2 OCEAN_2.0_Applicator-E-110F200F	TE Part # 2150058-1 OCEAN_2.0_Applicator-E-110F200F
TE Part # 2150058-2 OCEAN_2.0_Applicator-E-110F200F	TE Part # 7-2150058-1 OCEAN_2.0_Applicator-E-110F200F	TE Part # 7-2150058-2 OCEAN_2.0_Applicator-E-110F200F	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(55)

Customers Also Bought





TE Part #1-174587-1

PL MK2 2P 187 HOUSING
RECEPTACLE NAT



TE Part #42486-3

187 FASTON FLAG REC 20-16 AWG
NPST



TE Part #4-1123823-1

EP 1P PLUG RED



TE Part #2825197-1

STD PW TIMER CONTACT



TE Part #2232575-1

2.5 SIGNAL D/LOCK TAB CONT. M



TE Part #2-2176422-5

TLRP 2512 3.0W R025 1% 25PPM 4K RL



TE Part #1-538229-7

CONNECTING CABLE



TE Part #63512-3

187 FASTON FLAG REC 18-14 AWG
BR

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_173724-1_W.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_173724-1_W.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_173724-1_W.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

Product Environmental Compliance

MD_173724-1_11122018846_dmtec

English

MD_173724-1_11122018846_dmtec

English

Instruction Sheets

Instruction Sheet (non U.S.)

English



POSITIVE LOCK EX CONTACT

English

Agency Approvals

UL Report

English