



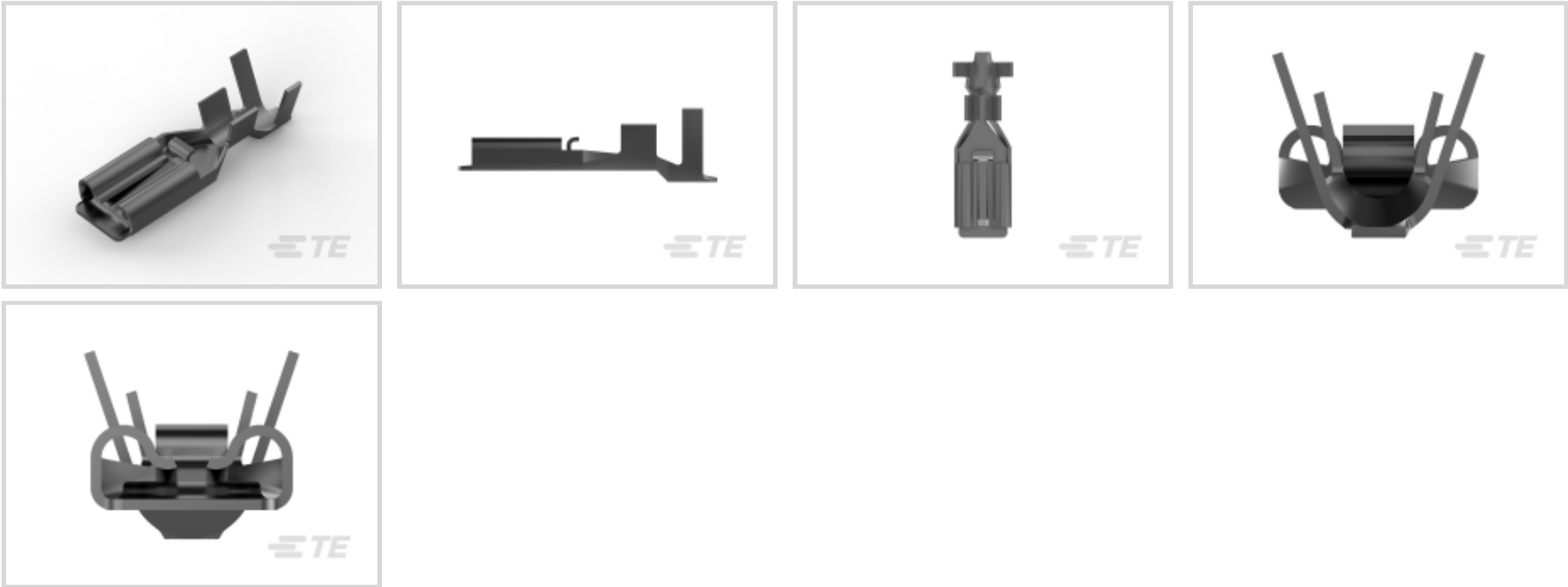
Positive Lock | Positive Lock 187

TE Internal #: 173724-1

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
Connection Capacity	Single

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

Product Length	17.2 mm[.677 in]
Compatible Insulation Diameter Range	1.9 – 4.4 mm[.074 – .173 in]
Terminal Material Thickness	.3 mm[.012 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 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 # 1-172075-1 3 POS PL 187(4.8 MM) HOUSING NATURAL	TE Part # 2150058-2 OCEAN_2.0_Applicator-E-110F200F-REA	TE Part # 2232342-1 187 PL EX FLAG REC. 22-16AWG PTBR	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 # 7-2150058-7 OCEAN_2.0_SPARE_PART_KIT-110F200F	TE Part # 1743221-1 250 PL EX FLAG REC. 18-12AWG PTBR	TE Part # 2013799-1 250 HSG. PL EX REC. BLACK

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 #NB46072001
SCL-1/8-0-STK-CS34568



TE Part #63598-1
MAG-MATE 250 F-TAB TPBR



TE Part #174777-1
PL 110 REC 20-16 AWG 0.25 X 10.4 PTBR



TE Part #63882-1
MAG-MATE 250 F-TAB TPBR



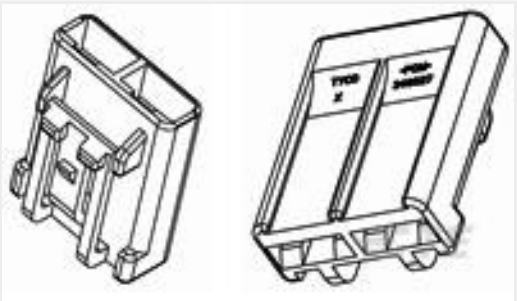
TE Part #63663-1
MAG-MATE 22-20 187 FTAB TPBR



TE Part #9-927742-2
2POS FASTIN FASTON HOUSING



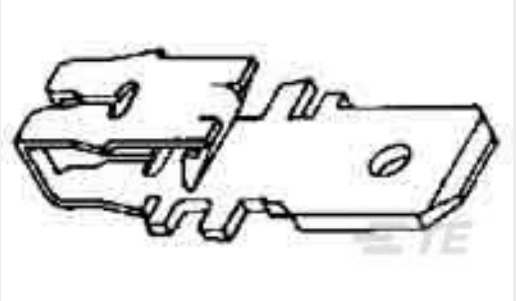
TE Part #63665-1
MAG-MATE 187 FAST TAB 020TPBR



TE Part #346027-1
FASTIN FASTON HOUSING RECEPTACLE



TE Part #6-160448-2
FF 250 REC 1.0-2.5MM2 TPPB



TE Part #63664-2
MAG-MATE 27-23 187 FTAB TPBR

Documents

Product Drawings

187 PL EX REC. 20-14AWG PTBR

English

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

Instruction Sheets

Instruction Sheet (non U.S.)

English

POSITIVE LOCK EX CONTACT

English

Agency Approvals

UL Report

English

UL Report

English