



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 .187 in [4.75 mm], 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

Terminates To	Wire & Cable
Wire Stop	No
Wire/Cable Type	Regular Wire
Insertion Force	Low
Sealable	No

Configuration Features

Connection Capacity	Single
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Electrical Characteristics

Voltage (Max)	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

Mechanical Attachment

Wire Insulation Support	With
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Dimensions

Accepts Wire Insulation Diameter Range	1.9 – 4.4 mm [.074 – .173 in]
Overall Length	17.2 mm [.677 in]
Receptacle Terminal Stock 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]

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: JUNE 2022 (224) Candidate List Declared Against: JUNE 2022 (224) 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

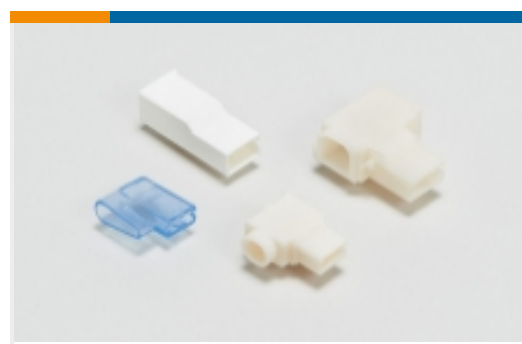


TE Part # 174737-2
187 sleeve PL YELLOW transparent



TE Part # 174737-1
187 sleeve PL BLUE transparent

Also in the Series | **Positive Lock 187**



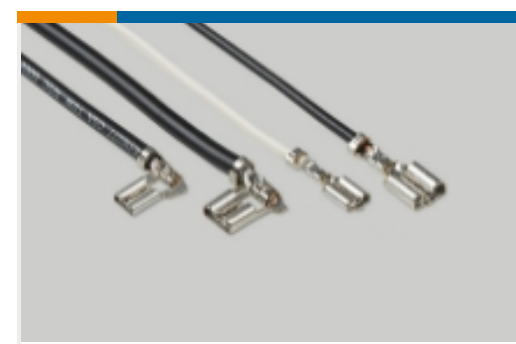
Crimp Terminal Housings(87)



Insertion & Extraction Tools(2)



Insulation Boots & Sleeves(7)



Quick Disconnects(56)

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