



Positive Lock | Mark II, Positive Lock 187

TE Internal #: 170330-2

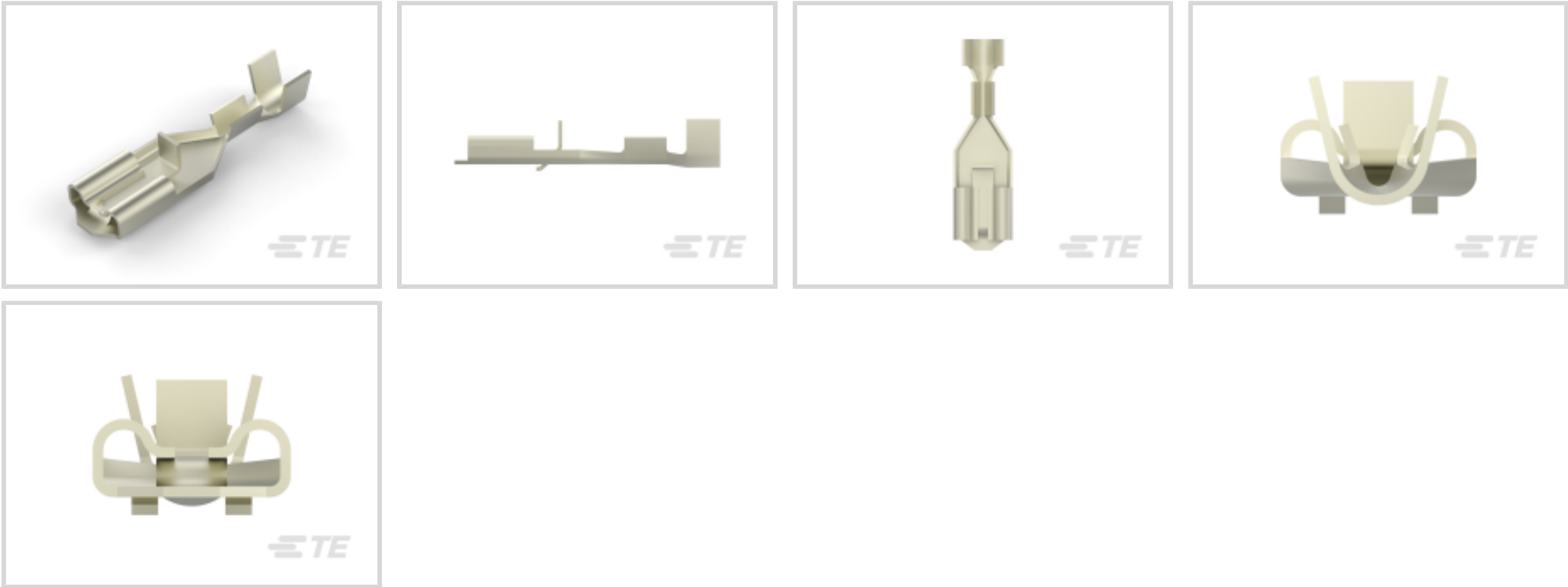
Quick Disconnects, Receptacle, 24 - 20 AWG Wire Size, .2 - .51 mm²

Wire Size, Mating Tab Width 4.75 mm [.187 in], Straight, Positive

Lock 187

[View on TE.com >](#)

Terminals & Splices > Quick Disconnects



Quick Disconnect Terminal Type: **Receptacle**

Wire Size: .2 - .51 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

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	Phosphor Bronze
Terminal Plating Material	Nickel
Crimp Type	F-Crimp
Barrel Type	Open

Termination Features

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Product Terminates To	Wire & Cable
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Mechanical Attachment

Wire Insulation Support	With
Mating Retention Type	Dimple

Dimensions

Terminal Material Thickness	.3 mm[.012 in]
Product Length	21.6 mm[.85 in]
Compatible Insulation Diameter Range	1.5 - 2.7 mm[.059 - .106 in]
Wire Size	.2 - .51 mm²

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	500
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 2024 (240) Candidate List Declared Against: JAN 2024 (240) 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 # 724659-1 EXT TOOL FOR POSITIVE .187	TE Part # 172075-1 POSITIVE LOCK 187 HOUSING RECEPTACLE	TE Part # 173974-6 PL MKII 187 REC HSG 1P NYLON BLUE	TE Part # 174513-1 PL 187 HOUSING RECEPTACLE
TE Part # 176498-1 POSITIVE LOCK 187 (4.8 MM) HOUSING	TE Part # 1-174712-1 187 HSG. PL MKII REC. 6.65mm 2P NAT	TE Part # 174712-1 PL 187 (4.8 MM) HOUSING RECEPTACLE	TE Part # 172074-1 187 HSG. PLMKII REC. NAT
TE Part # 173974-1 187 HSG. PL MKII REC. NAT	TE Part # 176498-4 POSITIVE LOCK 187 (4.8 MM) HOUSING	TE Part # 2063760-1 CCII 187 POSITIVE LOCK REC 24-20 ASSY	TE Part # 179183-6 POSITIVE LOCK 187 (4.8 MM) HOUSING
TE Part # 175578-1 PL 187 HOUSING RECEPTACLE	TE Part # 176498-6 PL MKII 187 REC HSG 2P NYLON BLUE	TE Part # 1-172075-1 3 POS PL 187(4.8 MM) HOUSING NATURAL	TE Part # 172074-2 POSITIVE LOCK 187 HOUSING RECEPTACLE





TE Part # 1-172210-1
187 HSG. PL MKII REC. 6mm 2P NAT



TE Part # 172210-1
POSITIVE LOCK 250 HOUSING RECEPTACLE



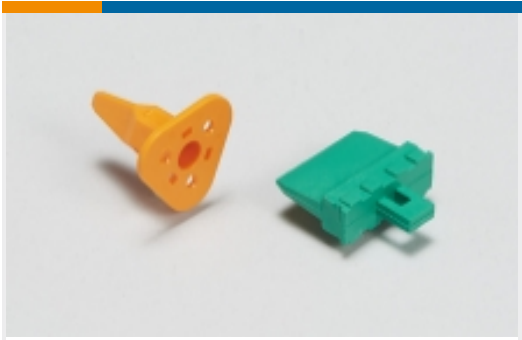
TE Part # 1-174587-1
PL MK2 2P 187 HOUSING RECEPTACLE NAT



TE Part # 173974-2
PL 187 (4.8 MM) HOUSING RECEPTACLE

Also in the Series

Mark II



Automotive Connector Locks & Position Assurance(1)



Automotive Housings(21)



Automotive Terminals(18)



Connector Seals & Cavity Plugs(1)



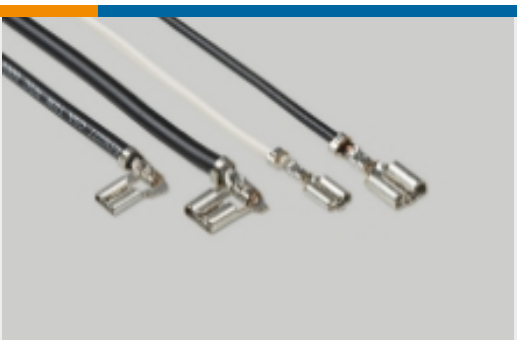
Crimp Terminal Housings(76)



Insertion & Extraction Tools(2)



Other Automotive Connector Accessories(4)



Quick Disconnects(57)

Also in the Series

Positive Lock 187



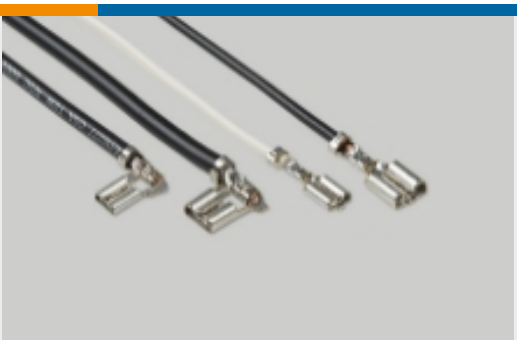
Crimp Terminal Housings(86)



Insertion & Extraction Tools(2)



Insulation Boots & Sleeves(7)



Quick Disconnects(57)

Customers Also Bought

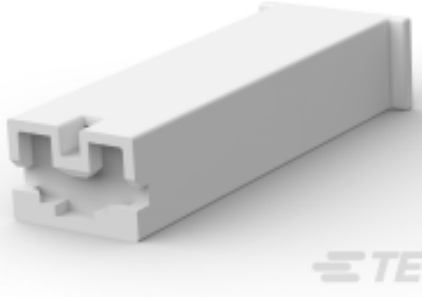




TE Part # 1577647-1
TERMINAL RT PIDG PEEK STRATO 10 AWG



TE Part # 1577640-1
TERMINAL RT PIDG PEEK STRATO 14-12 AWG



TE Part # 928083-1
PL 187 REC HSG 1P NYLON NAT



TE Part # ZPF0000000000001930
182-0118-20

TE Part # 829471-1
AMPLIMITE Backshell Cover, Size 3

TE Part # 620069N005
D-108-11CS2883

TE Part # ZPF0000000000000289
006-0910-10

TE Part # ZPF0000000000012217
DBA 50 PR 12

TE Part # ER6594-000
D-436-83CS9376

Documents

Product Drawings

PL 187 RECEPTACLE 24-20 AWG NPPHBZ

Japanese

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_170330-2_C.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_170330-2_C.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_170330-2_C.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