



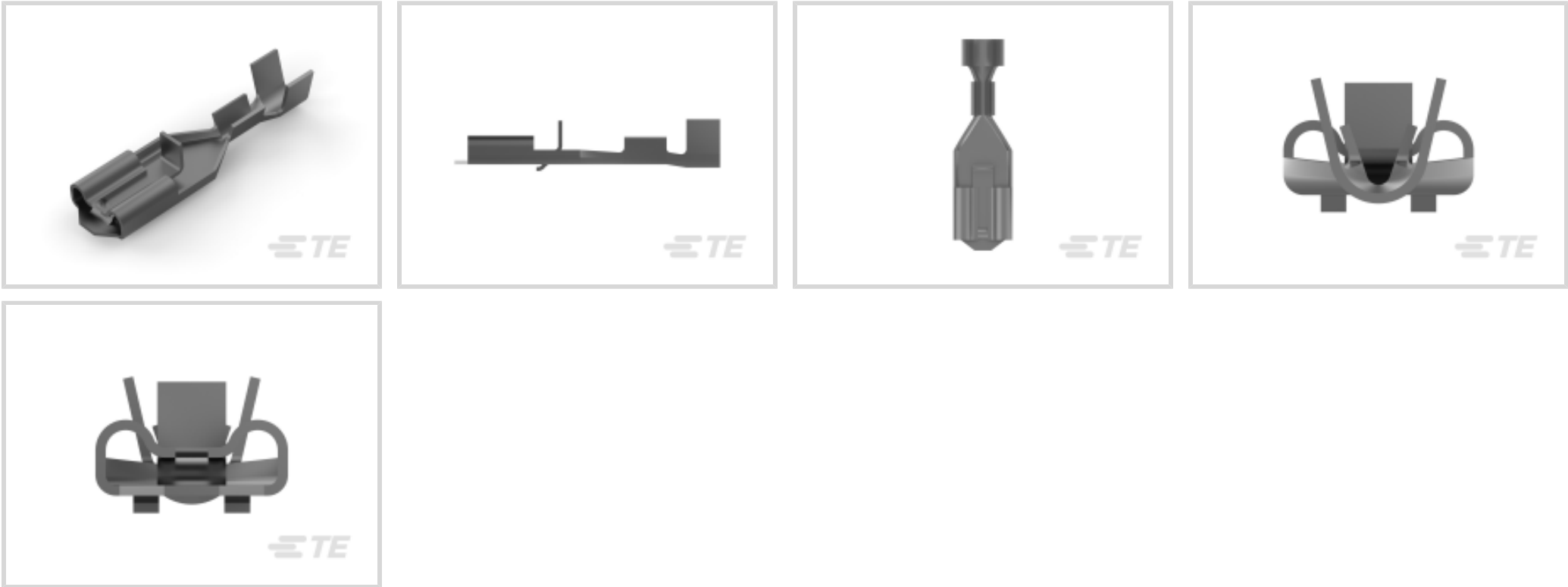
Positive Lock | Mark II, Positive Lock 187

TE Internal #: 170330-1

Receptacle, 24 – 20 AWG Wire Size, .2 – .51 mm² Wire Size, Mating Tab Width 4.75 mm [.187 in], Straight, Brass, Positive Lock 187, Quick Disconnects

[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	Brass
Terminal Plating Material	Pre-Tin
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	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: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) 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(6)

Automotive Terminals(5)

Connector Seals & Cavity Plugs(1)

Crimp Terminal Housings(76)

Insertion & Extraction Tools(2)

Other Automotive Connector Accessories(1)

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 #171822-2
EIS REC. HSG 2P-NATURAL



TE Part #172211-2
EIS CAP HSG FREE HANG 2P
NATUTURAL



TE Part #926823-4
AM WIRE PIN 20-17 .013 PTPB



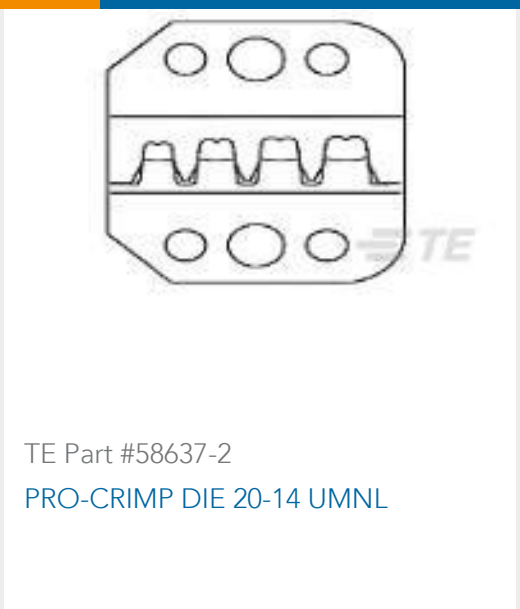
TE Part #172074-1
187 HSG. PLMKII REC. NAT



TE Part #1-171432-5
FF 312 REC HSG 6P NYLON GREEN



TE Part #1-171433-5
FF TAB HSG 6P NYLON GREEN



TE Part #58637-2
PRO-CRIMP DIE 20-14 UMNL



TE Part #1-171432-9
FF 312 REC HSG 6P NYLON BLACK



TE Part #1-171433-9
FF TAB HSG 6P NYLON BLACK

Documents

Product Drawings
PL MKII 187 REC 24-20AWG PTBR LP
Japanese

CAD Files
3D PDF
3D
Customer View Model
ENG_CVM_CVM_170330-1_C.2d_dxf.zip
English
Customer View Model
ENG_CVM_CVM_170330-1_C.3d_igs.zip
English
Customer View Model
ENG_CVM_CVM_170330-1_C.3d_stp.zip
English

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

Datasheets & Catalog Pages



1654742_HOUSEHOLD_APPLIANCES_RAST5

English

Product Specifications

Application Specification

English