



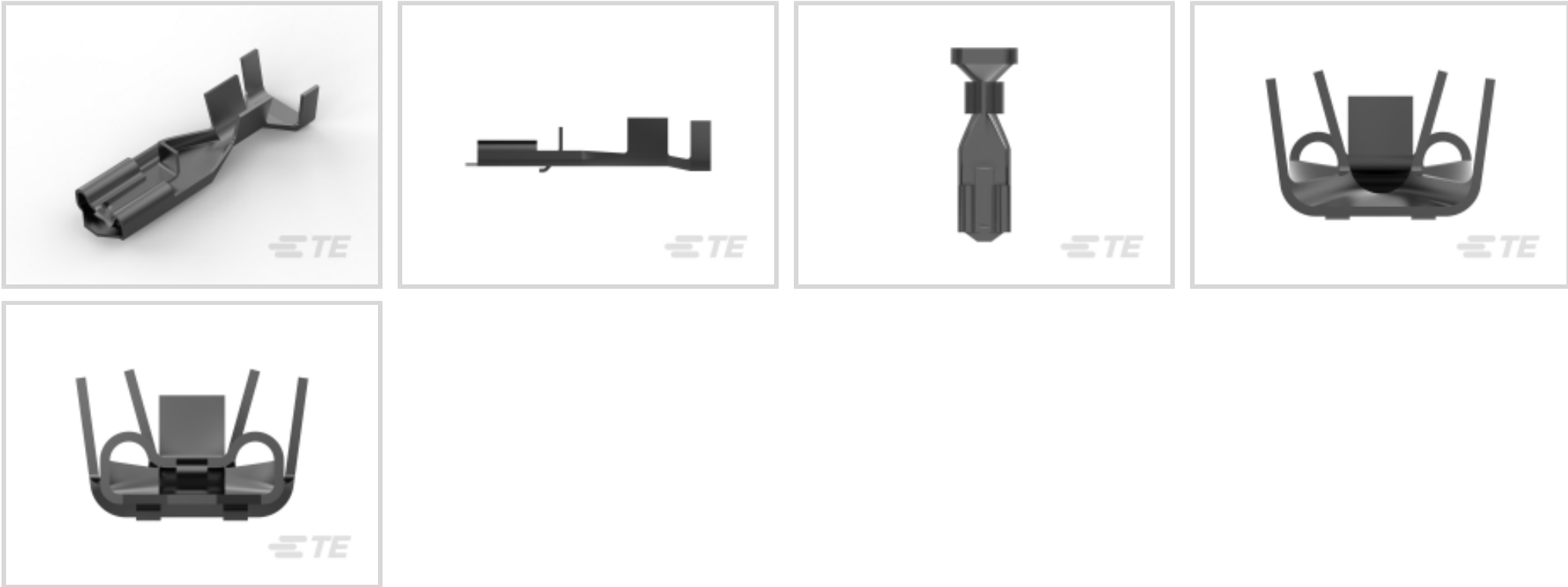
Positive Lock | Positive Lock 187

TE Internal #: 170332-1

Receptacle, 18 – 14 AWG Wire Size, .82 – 2.08 mm² Wire Size,
Mating Tab Width 4.75 mm [.187 in], Straight, Brass, Positive Lock
187, Quick Disconnects

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Terminals & Splices > Quick Disconnects



Quick Disconnect Terminal Type: **Receptacle**

Wire Size: **.82 – 2.08 mm²**

Mating Tab Width: **4.75 mm [.187 in]**

Mating Tab Thickness: **.51 mm [.02 in]**

Features

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

Dimensions

Wire Size	.82 – 2.08 mm²
Product Length	21.6 mm[.85 in]
Compatible Insulation Diameter Range	2.1 – 3.6 mm[.082 – .141 in]
Terminal Material Thickness	.3 mm[.012 in]

Packaging Features

Packaging Method	Loose Piece/Carton
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Packaging Quantity	1000
Product Type Features	
Insertion Force	Normal
Usage Conditions	
Insulation Option	Uninsulated
Operating Temperature Range	-40 – 110 °C[-40 – 230 °F]
Other	
EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant
Configuration Features	
Compatible With Wire & Cable Type	Discrete Wire
Termination Features	
Product Terminates To	Wire & Cable
Mechanical Attachment	
Wire Insulation Support	With
Mating Retention Type	Dimple
Extraction Force	.7 – 10.2 kgf
Industry Standards	
Compatible With Agency/Standards Products	UL
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

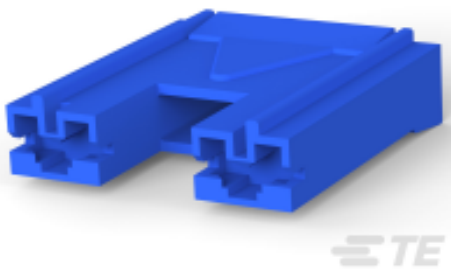


Product Compliance Disclaimer

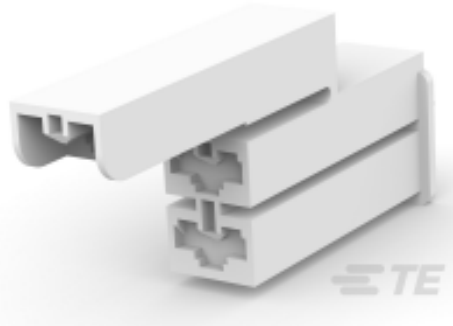
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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

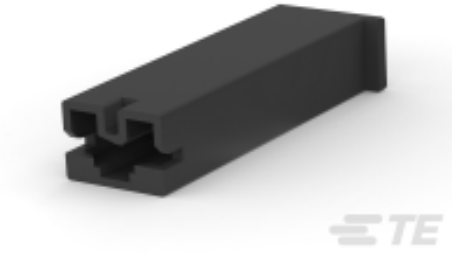
TE Part # 724659-1 EXT TOOL FOR POSITIVE .187	TE Part # 172075-1 POSITIVE LOCK 187 HOUSING RECEPTACLE	TE Part # 173974-6 PL MKII 187 REC HSG 1P NYLON BLUE	TE Part # 174513-1 PL 187 HOUSING RECEPTACLE
TE Part # 176498-1 POSITIVE LOCK 187 (4.8 MM) HOUSING	TE Part # 1-174712-1 187 HSG. PL MKII REC. 6.65mm 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 # 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



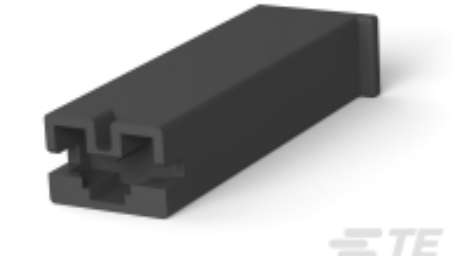
TE Part # 1-172210-1
187 HSG. PL MKII REC. 6mm 2P NAT



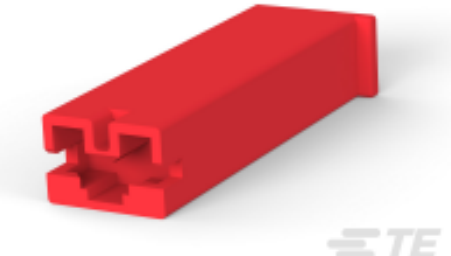
TE Part # 172210-1
POSITIVE LOCK 250 HOUSING RECEPTACLE



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

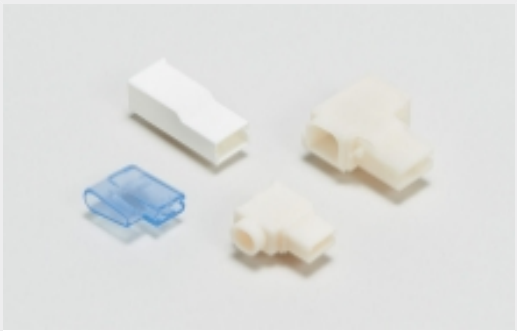


TE Part # 173974-2
PL 187 (4.8 MM) HOUSING RECEPTACLE



TE Part # 173974-7
PL 187 (4.8 MM) HOUSING RECEPTACLE

Also in the Series | Positive Lock 187



Crimp Terminal Housings(86)



Insertion & Extraction Tools(2)

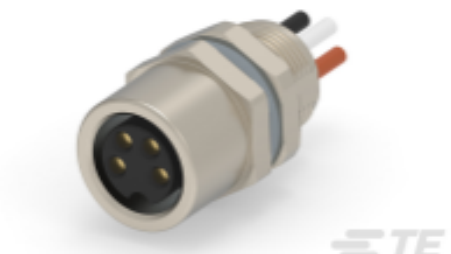


Insulation Boots & Sleeves(7)



Quick Disconnects(57)

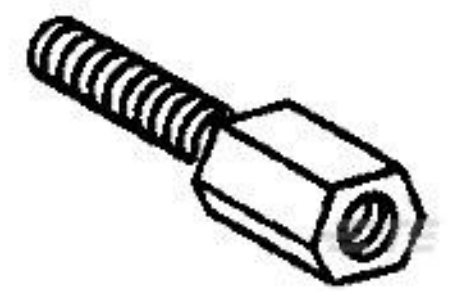
Customers Also Bought



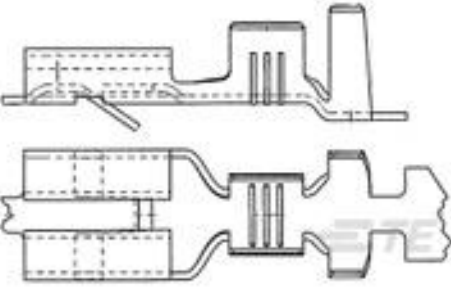
TE Part #T4073014041-001
M8.FMLE.PNLFRONT.4POS.STR WIRE



TE Part #2204534-1
ELCON MINI 3P CABLE CONN,PULL-TAB



TE Part #828102-1
HD-20SCHRAUB-SICHRG



TE Part #281197-2
FF 187 REC 1.0-2.5MM2 PTBR



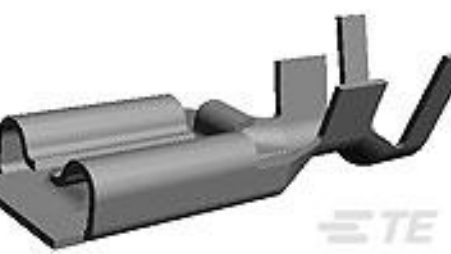
TE Part #2-160256-1
250 FASTON,REC.,17-14 AWG,BR



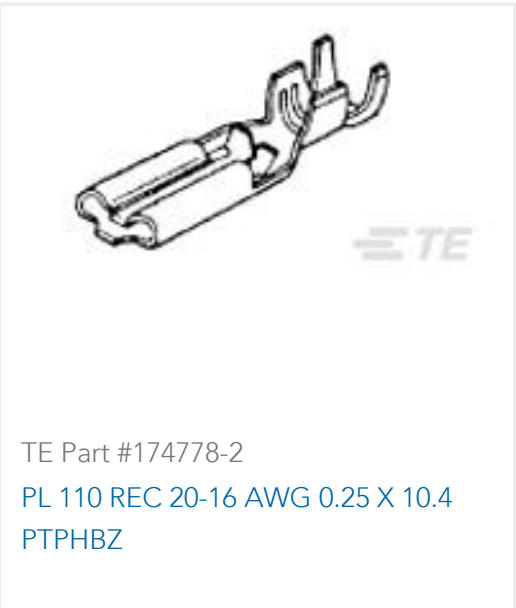
TE Part #170326-5
187 PL MKII REC. 18-14AWG PTPB



TE Part #170326-1
187 PL MKII REC. 18-14AWG PTBR



TE Part #173725-1
PL 187 REC TERMINAL 20-14 PTPB LP



Documents

Product Drawings

PL 187 RECEPTACLE 18-14 AWG PTPBR

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_170332-1_C.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_170332-1_C.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_170332-1_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