



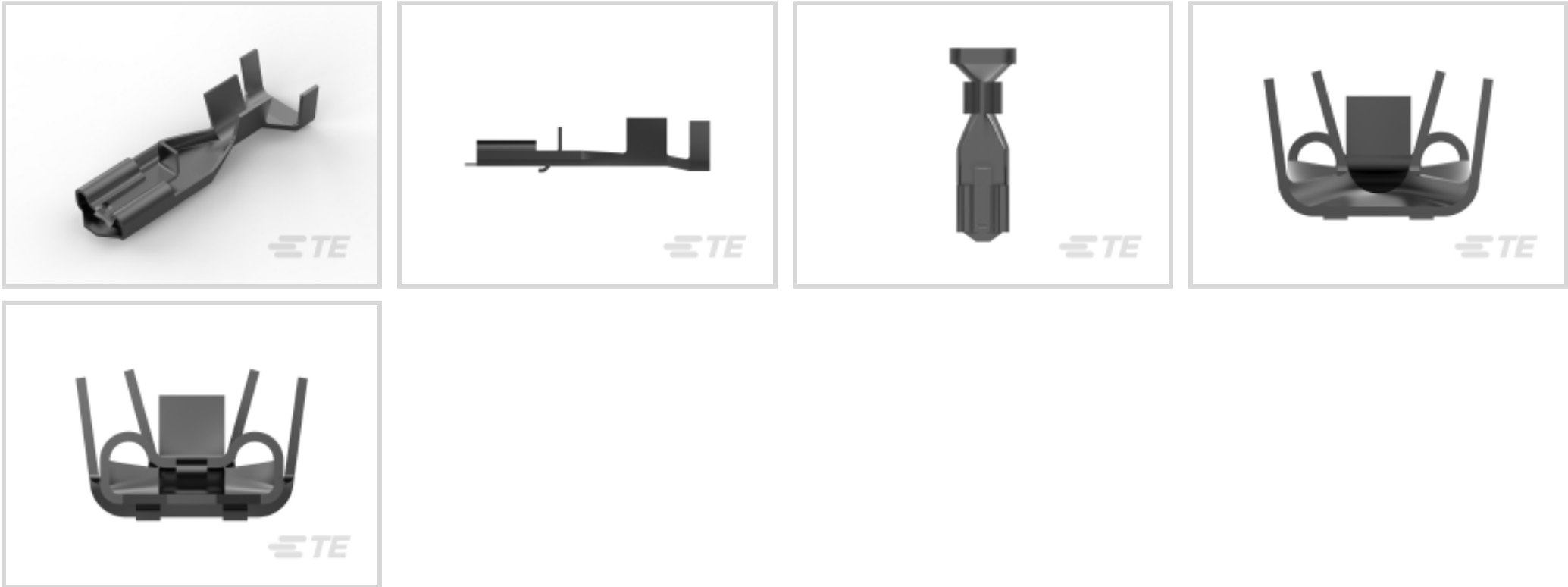
Positive Lock | Positive Lock 187

TE Internal #: 170332-1

Quick Disconnects, 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

[View on TE.com >](#)

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

Product Type Features

Insertion Force	Normal
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Configuration Features

Compatible With Wire & Cable Type	Discrete Wire
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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

Extraction Force	7 - 100 Newton
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	2.1 - 3.6 mm[.082 - .141 in]
Wire Size	.82 - 2.08 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: 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 # 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





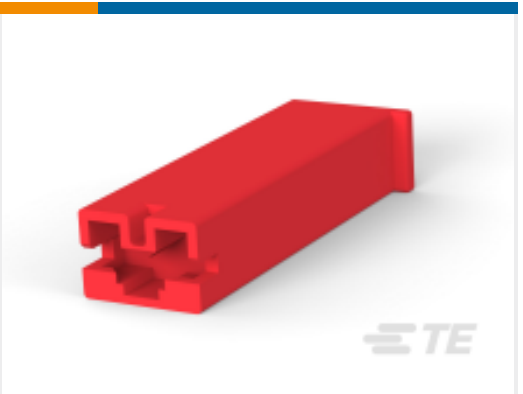
TE Part # 172210-1
POSITIVE LOCK 250 HOUSING
RECEPTACLE



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)

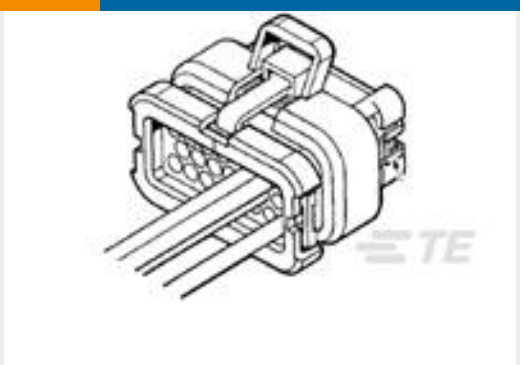
Customers Also Bought



TE Part # 2-6609115-2
6EGG1-1 SHORT VERS=F7382E



TE Part # 8296870003
RPS-10-2/2.0-9



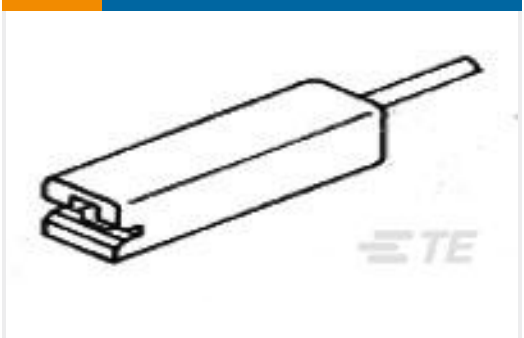
TE Part # 776273-5
14POS,AMPSEAL,SOC HSG ASSY,SLD,
COD 5



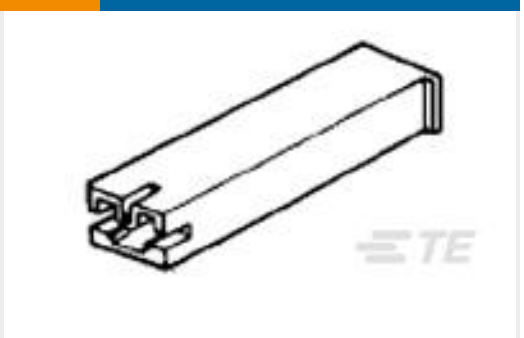
TE Part # 828102-1
HD-20SCHRAUB-SICHRG



TE Part # 5555162-1
MJ,LPF,R/A,8P,PNL STOPS



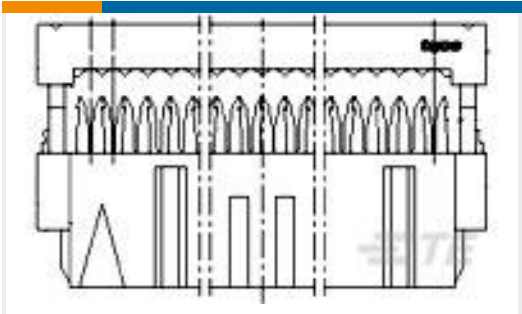
TE Part # 925387-1
110 FASTON HSG. REC. 1P CLEAR



TE Part # 173974-6
PL MKII 187 REC HSG 1P NYLON BLUE



TE Part # 163558-2
PIN M-N-L



TE Part # 1-215915-4
AMP-LATCH 15.2 HIGH TAPE



TE Part # 2373965-1
CPA,AMPSEAL



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