170325-5 ✔ ACTIVE

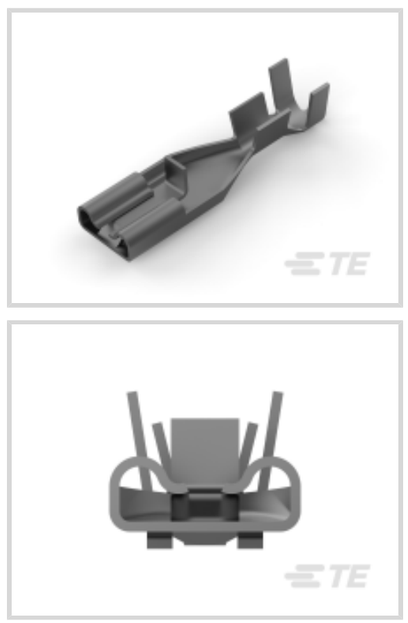
Positive Lock | Mark II, Positive Lock 187

TE Internal #: 170325-5

Quick Disconnects, Receptacle, 20 - 16 AWG Wire Size, .51 - 1.31 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: **.51 - 1.31 mm²**

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

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

Features

Product Type Features

Insertion Force	Low

Configuration Features

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

Product Terminates To	Wire & Cable

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	1.9 - 3.4 mm[.075 - .134 in]
Wire Size	.51 - 1.31 mm²

Usage Conditions

Insulation Option	Uninsulated
Operating Temperature Range	-40 - 110 °C[-40 - 230 °F]

Industry Standards

Compatible With Agency/Standards Products	UL

Packaging Features

Packaging Quantity	6000
Packaging Method	Strip/Reel

Product Compliance

For compliance documentation, visit the product page on TE.com>

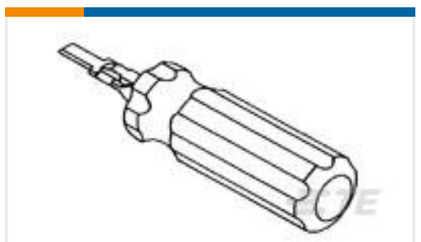
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2024 (240) Candidate List Declared Against: JAN 2024 (240) Does not 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

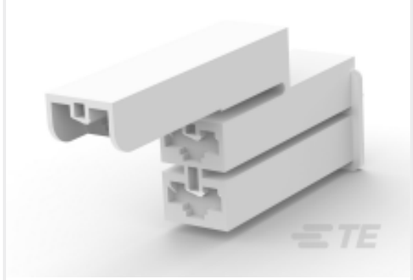
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as

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

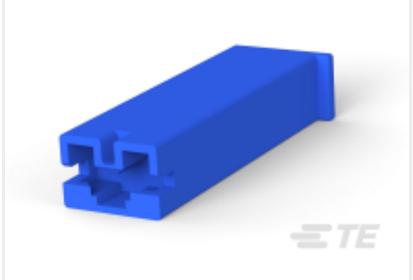
Compatible Parts



TE Part # 724659-1
EXT TOOL FOR POSITIVE .187



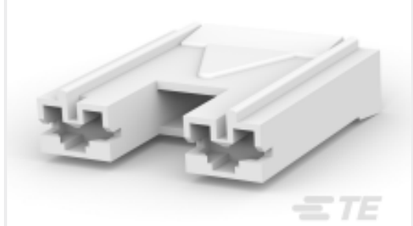
TE Part # 172075-1
POSITIVE LOCK 187 HOUSING RECEPTACLE



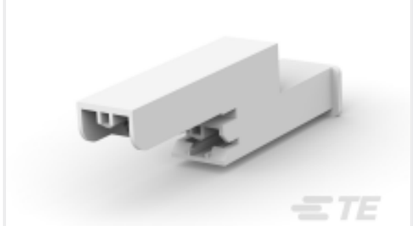
TE Part # 173974-6
PL MKII 187 REC HSG 1P NYLON BLUE



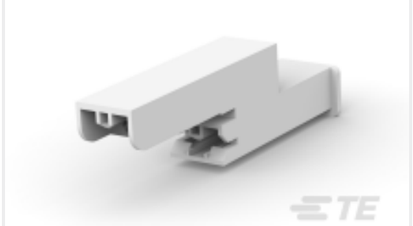
TE Part # 174513-1
PL 187 HOUSING RECEPTACLE



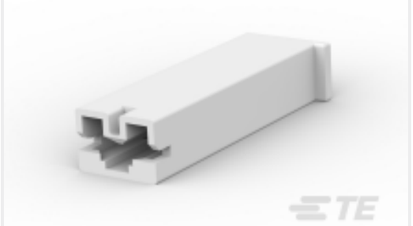
TE Part # 176498-1
POSITIVE LOCK 187 (4.8 MM) HOUSING



TE Part # 1-174712-1
187 HSG. PL MKII REC. 6.65mm 2P NAT



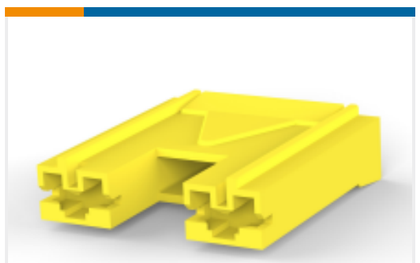
TE Part # 174712-1
PL 187 (4.8 MM) HOUSING RECEPTACLE



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



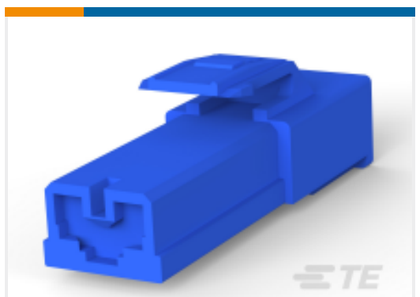
TE Part # 173974-1
187 HSG. PL MKII REC. NAT



TE Part # 176498-4
POSITIVE LOCK 187 (4.8 MM) HOUSING



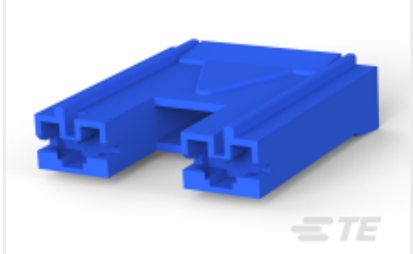
TE Part # 2150032-2
OCEAN_2.0_APPLICATOR-E-090F155F-REA



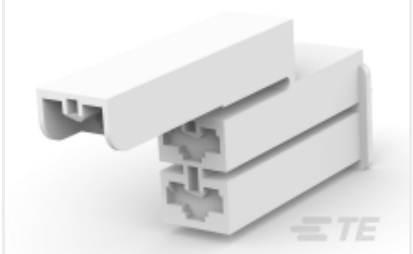
TE Part # 179183-6
POSITIVE LOCK 187 (4.8 MM) HOUSING



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



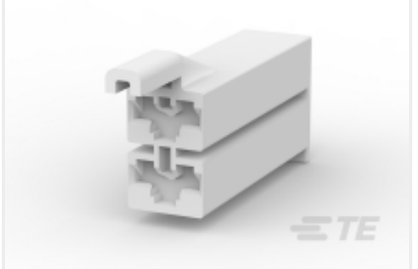
TE Part # 172074-2
POSITIVE LOCK 187 HOUSING RECEPTACLE



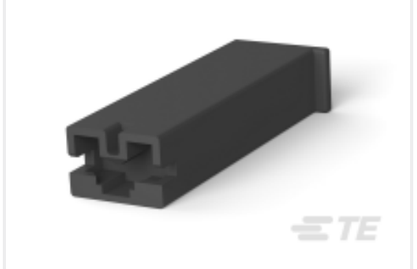
TE Part # 1-172210-1
187 HSG. PL MKII REC. 6mm 2P NAT



TE Part # 172210-1
POSITIVE LOCK 250 HOUSING RECEPTACLE

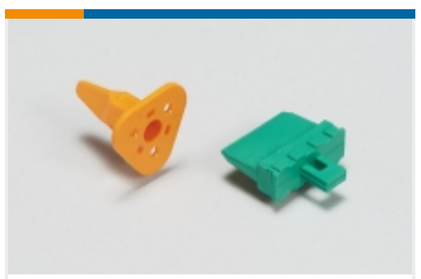


TE Part # 1-174587-1
PL MK2 2P 187 HOUSING RECEPTACLE NAT



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

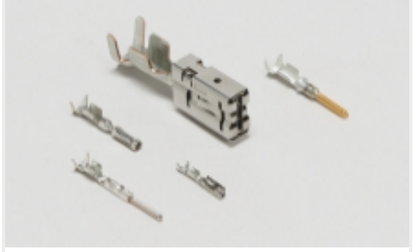
Also in the Series | Mark II



Automotive Connector Locks & Position Assurance(1)



Automotive Housings(21)



Automotive Terminals(18)



Connector Seals & Cavity Plugs(1)



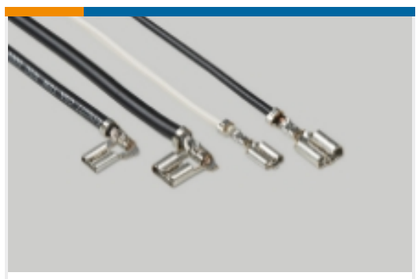
Crimp Terminal Housings(76)



Insertion & Extraction Tools(2)



Other Automotive Connector Accessories(4)



Quick Disconnects(57)

Also in the Series | Positive Lock 187



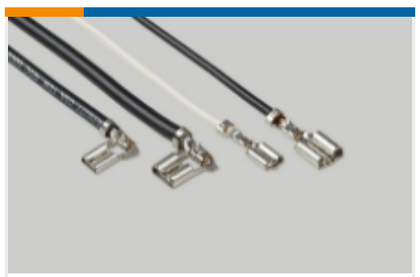
Crimp Terminal Housings(86)



Insertion & Extraction Tools(2)



Insulation Boots & Sleeves(7)

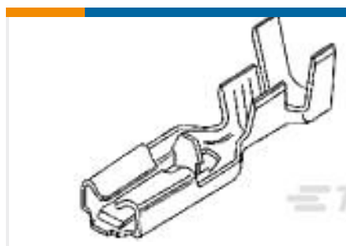


Quick Disconnects(57)

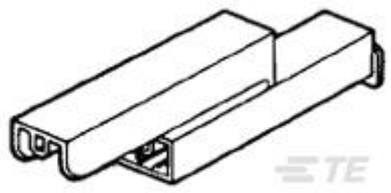
Customers Also Bought



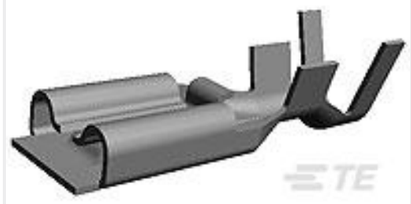
TE Part # 175149-1
UNIVERSAL POWER CONN TAB



TE Part # 63313-1
PL 187 RECEPTACLE 20-16 AWG TPBR



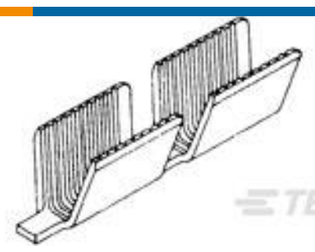
TE Part # 1-174712-1
187 HSG. PL MKII REC. 6.65mm 2P NAT



TE Part # 175034-1
PL 187 REC 20-14 AWG 0.30 X 14.0 SS



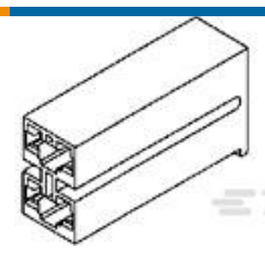
TE Part # 170213-1
250 FASTON,REC.,18-14 AWG,BR



TE Part # 62304-2
AMVAR SPLC 600-3000 020TPBR



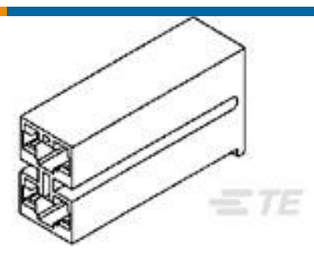
TE Part # 770442-1
04P .062 COMM P&S RECPT



TE Part # 175578-1
PL 187 HOUSING RECEPTACLE



TE Part # 1983780-1
NG GIC 3.3 REC CONTACT TIN PLATE



TE Part # 1-175578-1
PL MK2 2P 187 HOUSING REC NAT 6 /6 NYLON

Documents

CAD Files

3D PDF

3D

Customer View Model
ENG_CVM_CVM_170325-5_T.2d_dxf.zip

English

Customer View Model
ENG_CVM_CVM_170325-5_T.3d_igs.zip

English

Customer View Model
ENG_CVM_CVM_170325-5_T.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditionsof use.

Product Specifications

187 Series Positive Lock Contacts, crimping of

English

Instruction Sheets

Instruction Sheet (non U.S.)

English

AMP* POSITIVE LOCK CONNECTOR

English