170330-2 ✔ ACTIVE

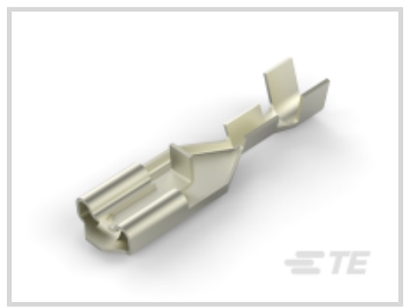
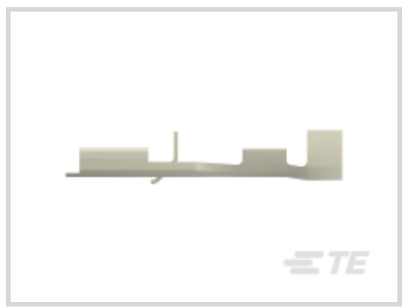
Positive Lock | Positive Lock 187, Mark II

TE Internal #: 170330-2

Quick Disconnect Receptacle, Uninsulated, 24 – 20 AWG, .2 – .51 mm² Wire, 4.75 mm [.187 in] Tab Width, F-Crimp, 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

Configuration Features

Compatible With Wire & Cable Type	Discrete Wire
Connection Capacity	Single

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

Product Terminates To	Wire & Cable

Mechanical Attachment

Wire Insulation Support	With
Mating Retention Type	Dimple

Dimensions

Product Length	21.6 mm[.85 in]
Compatible Insulation Diameter Range	1.5 – 2.7 mm[.059 – .106 in]
Terminal Material Thickness	.3 mm[.012 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

Packaging Features

Packaging Quantity	500
Packaging Method	Loose Piece/Carton

Product Compliance

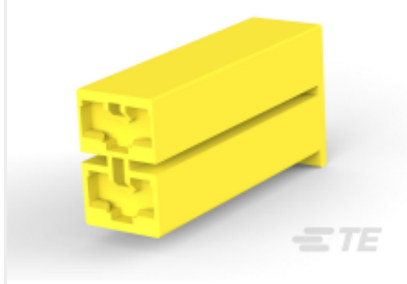
For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 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 # 1-172210-4
3P PL MK-2 187(4.8 MM) HOUSING REC



TE Part # 176498-2
PL MKII 187 REC HSG 2P NYLON BLACK



TE Part # 179720-2
PL 187 (4.8 MM) HOUSING RECEPTACLE



TE Part # 172210-2
2P POSITIVE LOCK REC HSG



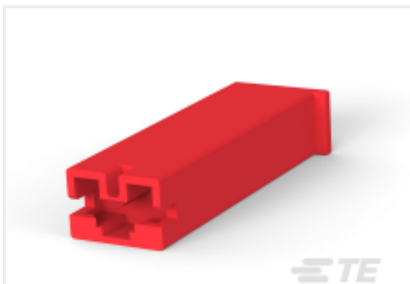
TE Part # 176498-1
POSITIVE LOCK 187 (4.8 MM) HOUSING



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



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



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



TE Part # 174513-1
PL 187 HOUSING RECEPTACLE



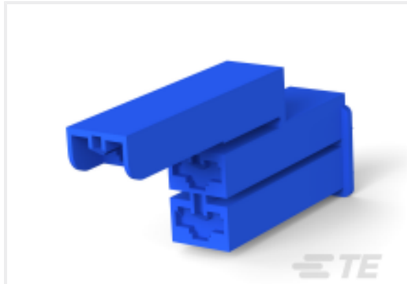
TE Part # 1-172075-1
3 POS PL 187(4.8 MM) HOUSING NATURAL



TE Part # 1-174712-7
PL MKII 187 REC HSG 2P NYLON RED



TE Part # 175578-1
PL 187 HOUSING RECEPTACLE



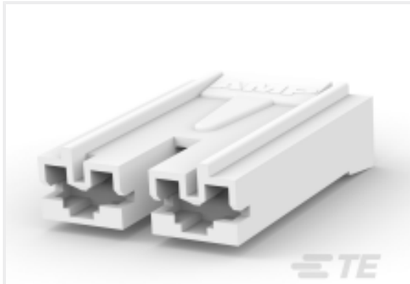
TE Part # 172075-6
POSITIVE LOCK 187 HOUSING RECEPTACLE



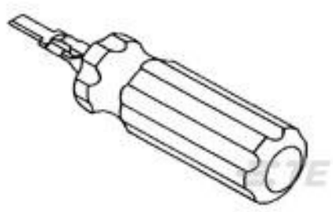
TE Part # 172074-7
POSITIVE LOCK 187 HOUSING RECEPTACLE



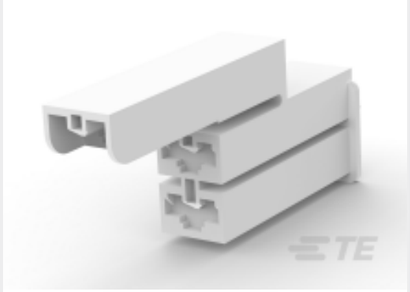
TE Part # 179183-1
POSITIVE LOCK 187 (4.8 MM) HOUSING



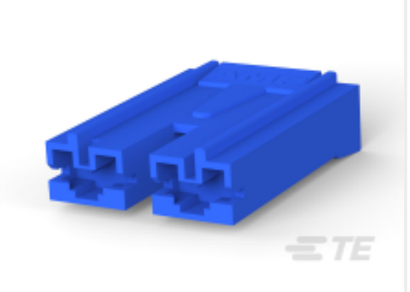
TE Part # 179720-1
187 HSG. PL MKII REC. 10mm 2P NAT



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



TE Part # 172075-1
POSITIVE LOCK 187 HOUSING RECEPTACLE

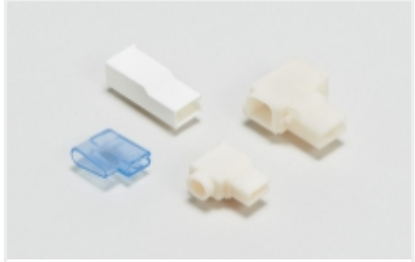


TE Part # 179720-6
PL 187 (4.8 MM) HOUSING RECEPTACLE



TE Part # 1-174712-6
PL MK2 2P 187 HOUSING RECEPTACLE BLUE

Also in the Series | Positive Lock 187



Crimp Terminal Housings(76)



Insertion & Extraction Tools(2)

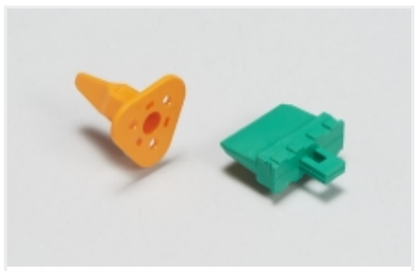


Insulation Boots & Sleeves(7)

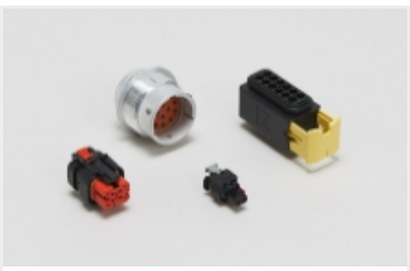


Quick Disconnects(57)

Also in the Series | Mark II



Automotive Connector Locks & Position Assurance(1)



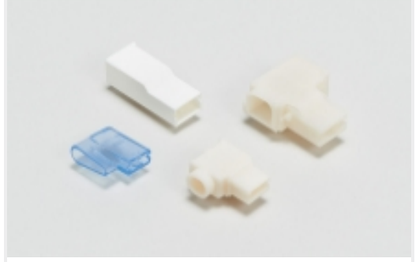
Automotive Housings(6)



Automotive Seals & Cavity Plugs(1)



Automotive Signal & Power Connector Housings(6)



Crimp Terminal Housings(76)

Customers Also Bought



TE Part #CAT-T3437-C6298
CM-SCE-TP Military Grade Markers



TE Part #D369-P66-BS1
369 6 WAY PLUG, CRIMP, SKT



TE Part #ZPF000000000107200
787-8055-11M



TE Part #170364-3
MINI UNIVERSAL M-N-L PIN LP



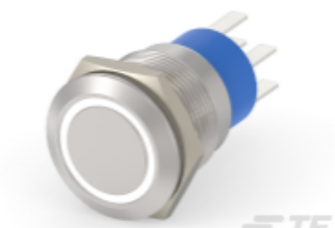
TE Part #710026-1
XCT 25-5



TE Part #926475-4
MOD 4 HSG



TE Part #926476-7
MOD 4 HSG



TE Part #4-2213767-3
AV19 DPM 3A MOVE RING LED WHITE 24V

TE Part #620069N005
D-108-11CS2883

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

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Product Specifications

Application Specification

English