



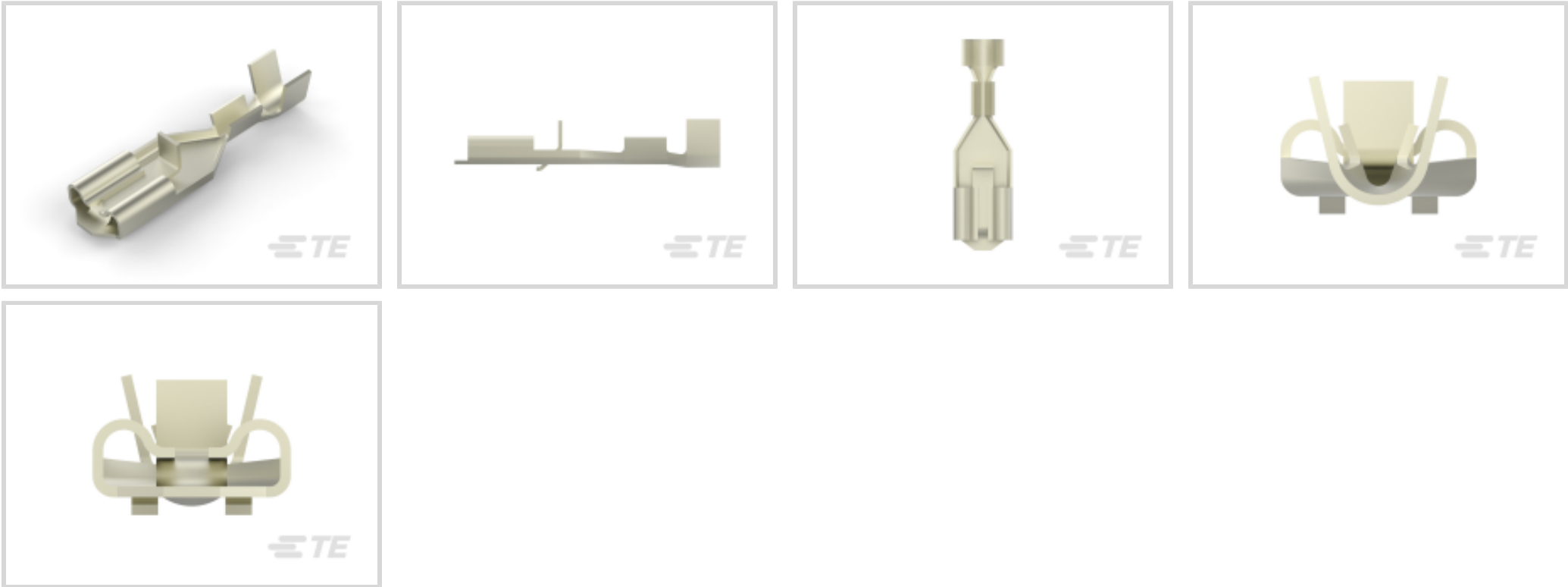
Positive Lock | Positive Lock 187, Mark II

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
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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

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Product Terminates To	Wire & Cable
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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
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Packaging Features

Packaging Quantity	500
Packaging Method	Loose Piece/Carton

Product Compliance

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

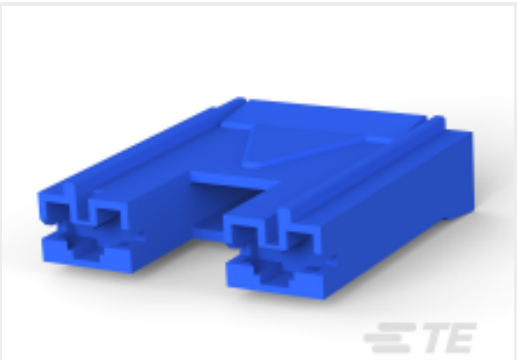
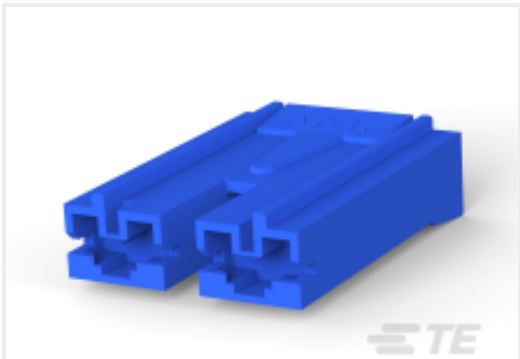
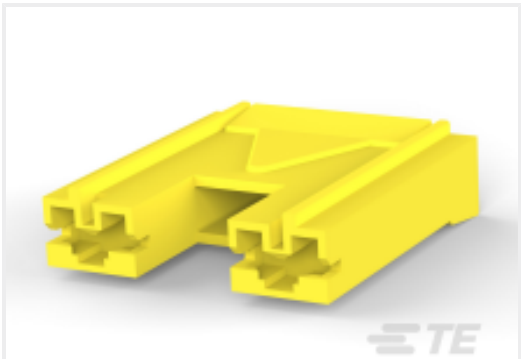
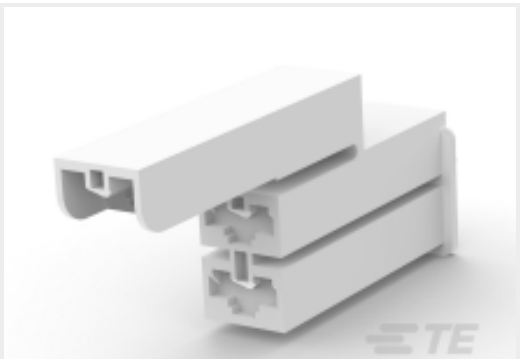
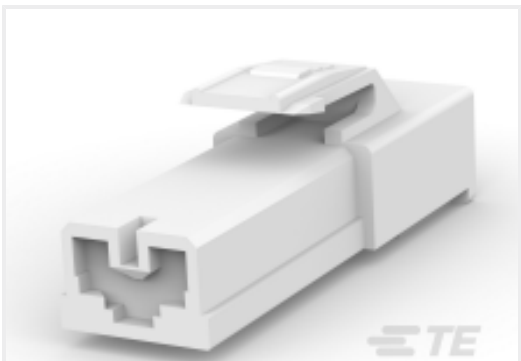
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does 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 # 1-174712-1 187 HSG. PL MKII REC. 6.65mm 2P NAT	 TE Part # 1-175578-1 PL MK2 2P 187 HOUSING REC NAT 6 /6 NYLON	 TE Part # 1-174712-6 PL MK2 2P 187 HOUSING RECEPTACLE BLUE	 TE Part # 176498-6 PL MKII 187 REC HSG 2P NYLON BLUE
 TE Part # 179720-6 PL 187 (4.8 MM) HOUSING RECEPTACLE	 TE Part # 176498-4 POSITIVE LOCK 187 (4.8 MM) HOUSING	 TE Part # 172075-1 POSITIVE LOCK 187 HOUSING RECEPTACLE	 TE Part # 179720-2 PL 187 (4.8 MM) HOUSING RECEPTACLE
 TE Part # 172210-2 2P POSITIVE LOCK REC HSG	 TE Part # 179183-1 POSITIVE LOCK 187 (4.8 MM) HOUSING	 TE Part # 172075-6 POSITIVE LOCK 187 HOUSING RECEPTACLE	 TE Part # 173974-2 PL 187 (4.8 MM) HOUSING RECEPTACLE
 TE Part # 173974-7 PL 187 (4.8 MM) HOUSING RECEPTACLE	 TE Part # 173974-1 187 HSG. PL MKII REC. NAT	 TE Part # 176498-1 POSITIVE LOCK 187 (4.8 MM) HOUSING	 TE Part # 175578-1 PL 187 HOUSING RECEPTACLE



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

TE Part # 172074-7
POSITIVE LOCK 187 HOUSING
RECEPTACLE

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

TE Part # 174513-1
PL 187 HOUSING RECEPTACLE

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 Seals & Cavity Plugs(1)

Automotive Signal & Power Connector
Housings(6)

Automotive Terminals(3)

Quick Disconnects(57)

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

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

Product Specifications



Application Specification

English