

63313-1 ✓ ACTIVE

Positive Lock | Positive Lock 187, Mark II

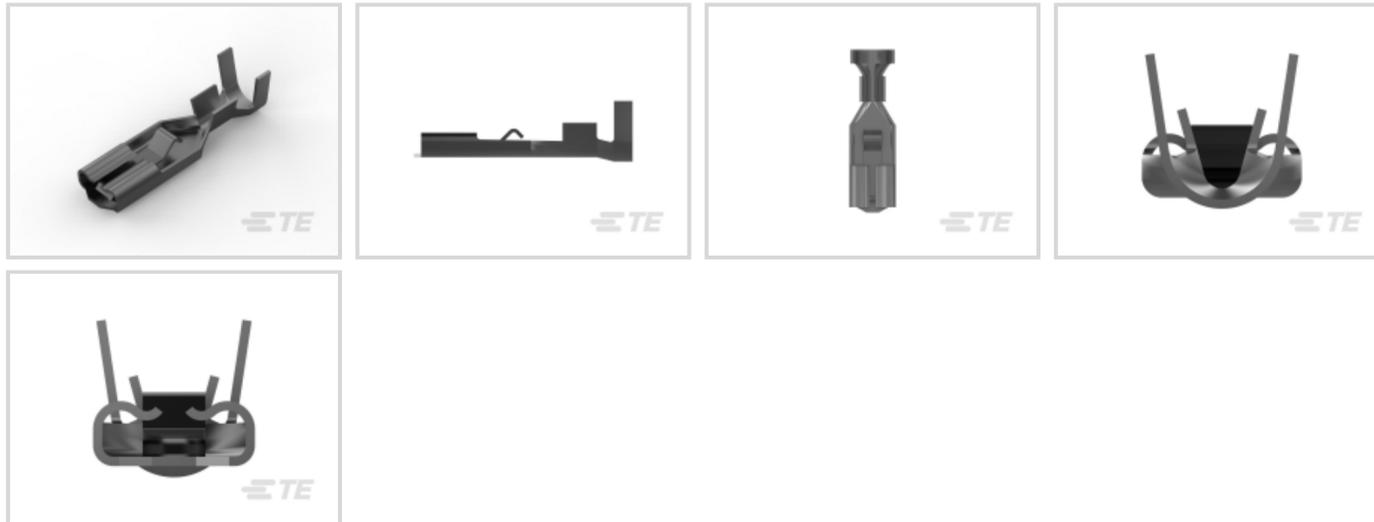
TE Internal #: 63313-1

Quick Disconnect Receptacle, Uninsulated, 20 – 16 AWG, .51 – 1.31 mm² Wire, 4.75 mm [.187 in] Tab Width, F-Crimp, 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: .81 mm [.032 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
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Mating Tab Width	4.75 mm [.187 in]
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Mating Tab Thickness	.81 mm [.032 in]
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Terminal Orientation	Straight
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Contact Base Material	Brass
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Terminal Plating Material	Tin
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Crimp Type	F-Crimp
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Barrel Type	Open
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Termination Features

Product Terminates To	Wire & Cable
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Mechanical Attachment

Wire Insulation Support	With
Mating Retention Type	Dimple
Extraction Force	.7 – 10.2 kgf

Dimensions

Product Length	19.18 mm [.755 in]
Compatible Insulation Diameter Range	2.29 – 3.3 mm [.09 – .13 in]
Terminal Material Thickness	.3 mm [.012 in]
Wire Size	.51 – 1.31 mm ²

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	12000
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: 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 # 2150186-2
OCEAN_2.0_Applicator-E-090F180F-REA



TE Part # 2150186-1
OCEAN_2.0_Applicator-E-090F180F-REM



TE Part # 7-2150186-7
OCEAN_2.0_SPARE_PART_KIT-090F180F



TE Part # 63784-1
RCPT POS/LK 187 0126PTPBR



TE Part # 936663-1
PL 187 REC 20-16 AWG 0.3 X 14.0 PTPBR

Also in the Series | Positive Lock 187



Crimp Terminal Housings(76)



Insertion & Extraction Tools(2)

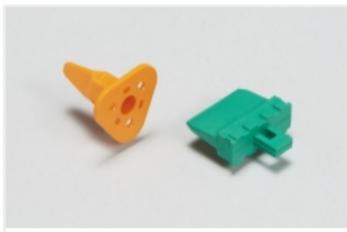


Insulation Boots & Sleeves(7)



Quick Disconnects(57)

Also in the Series | Mark II



Automotive Connector Locks & Position Assurance(1)



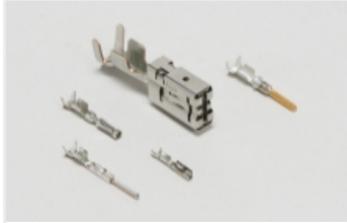
Automotive Housings(6)



Automotive Seals & Cavity Plugs(1)



Automotive Signal & Power Connector Housings(6)



Automotive Terminals(3)



Quick Disconnects(57)

Customers Also Bought



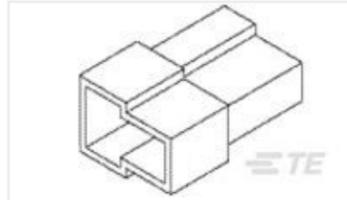
TE Part #5053332035
RNF-100-1-9-STK



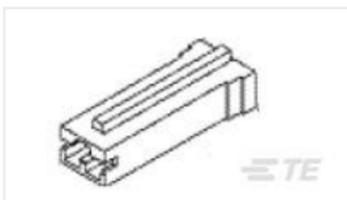
TE Part #42037-1
RING TERMINAL 22-18 AWG TPBR



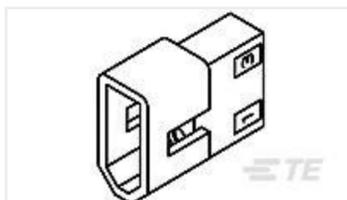
TE Part #175179-1
187 PL MII TAB. 22-16 AWG PTBR



TE Part #480116-3
FF 250 TAB HSG 2P NYLON BLACK



TE Part #521125-1
PL 187 HOUSING TAB 0.81 NYLON 6/6



TE Part #770331-1
03P .062 COMM P&S PLUG



TE Part #926647-3
UNIV.M-N-L.CAP HSG



TE Part #926882-3
UMNL SOK PTPPHBZ



TE Part #3-1623728-6
BCHE 11 W 1R2 10%



TE Part #1-2823587-3
M12 A-90 DEGREE-M-8, CAT 7 8.4 MM, TE

Documents



Product Drawings

PL 187 RECEPTACLE 20-16 AWG TPBR

English

CAD Files

Customer View Model

[ENG_CVM_CVM_63313-1_U.2d_dxf.zip](#)

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_63313-1_U.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_63313-1_U.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

Positive Lock Receptacles

English

Product Specifications

Application Specification

English

Agency Approvals

UL

English