

63313-1

✓ ACTIVE

Positive Lock | Mark II, Positive Lock 187

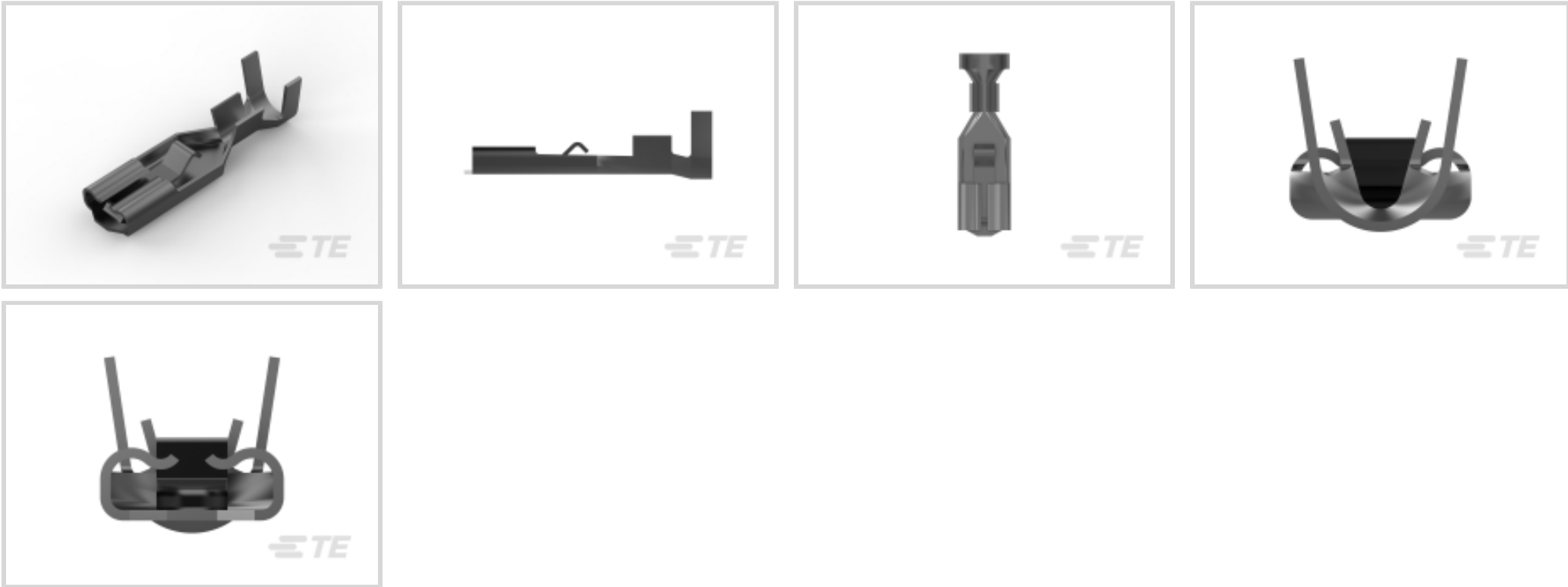
TE Internal #: 63313-1

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, Quick Disconnects

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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

Contact Features

Quick Disconnect Terminal Type	Receptacle
Mating Tab Width	4.75 mm[.187 in]
Mating Tab Thickness	.81 mm[.032 in]
Terminal Orientation	Straight
Contact Base Material	Brass
Terminal Plating Material	Tin
Crimp Type	F-Crimp
Barrel Type	Open

Dimensions

Wire Size	.51 – 1.31 mm²
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]

Packaging Features

Packaging Method	Strip/Reel
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Packaging Quantity	12000
Product Type Features	
Insertion Force	Normal
Usage Conditions	
Insulation Option	Uninsulated
Operating Temperature Range	-40 – 110 °C[-40 – 230 °F]
Other	
EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant
Configuration Features	
Compatible With Wire & Cable Type	Discrete Wire
Termination Features	
Product Terminates To	Wire & Cable
Mechanical Attachment	
Wire Insulation Support	With
Mating Retention Type	Dimple
Extraction Force	.7 – 10.2 kgf
Industry Standards	
Compatible With Agency/Standards Products	UL
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 2024 (241) Candidate List Declared Against: JUNE 2024 (241) 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 # 63784-1
RCPT POS/LK 187 0126PTPBR

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

TE Part # 2150186-2
OCEAN_2.0_Applicator-E-090F180F-REA

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

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

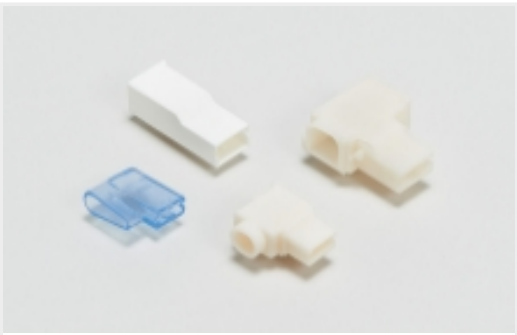
Also in the Series | Mark II

Automotive Connector Locks & Position Assurance(1)

Automotive Housings(6)

Automotive Terminals(5)

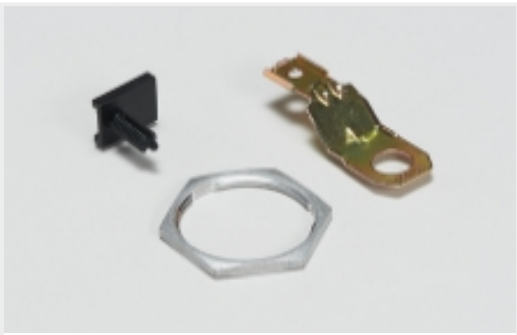
Connector Seals & Cavity Plugs(1)



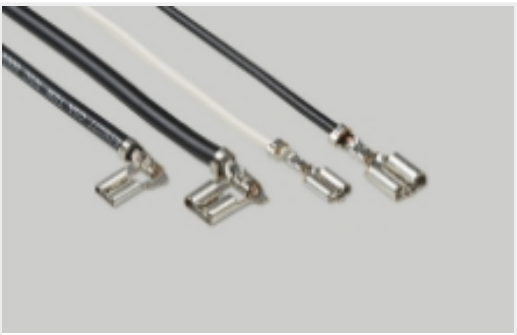
Crimp Terminal Housings(76)



Insertion & Extraction Tools(2)



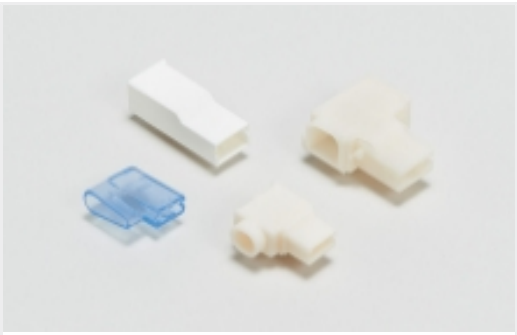
Other Automotive Connector Accessories(1)



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



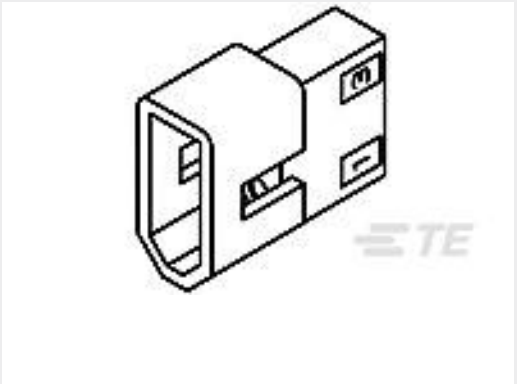
TE Part #NB07276001
BATTU-25.4/12.7-A1-0-39MM



TE Part #DT2P-BT
BOOT, 2P, REC, ST, GRY



TE Part #63239-1
POSITIVE LOCK 250 REC 12-10 AWG TPBR



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



TE Part #60249-2
FF 250 REC 16-12AWG TPBR



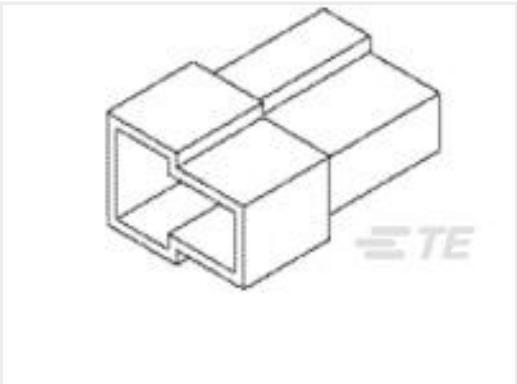
TE Part #521125-1
PL 187 HOUSING TAB 0.81 NYLON 6/6



TE Part #173691-1
PL 187 REC 20-16 AWG 0.3 X 14.0 PTBR



TE Part #170325-1
187 PL MKII REC. 20-16AWG PTBR



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



TE Part #63232-1
POSITIVE LOCK 187 REC 20-16 AWG TPBR



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

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

Positive Lock Receptacles

English

Product Specifications

Application Specification

English