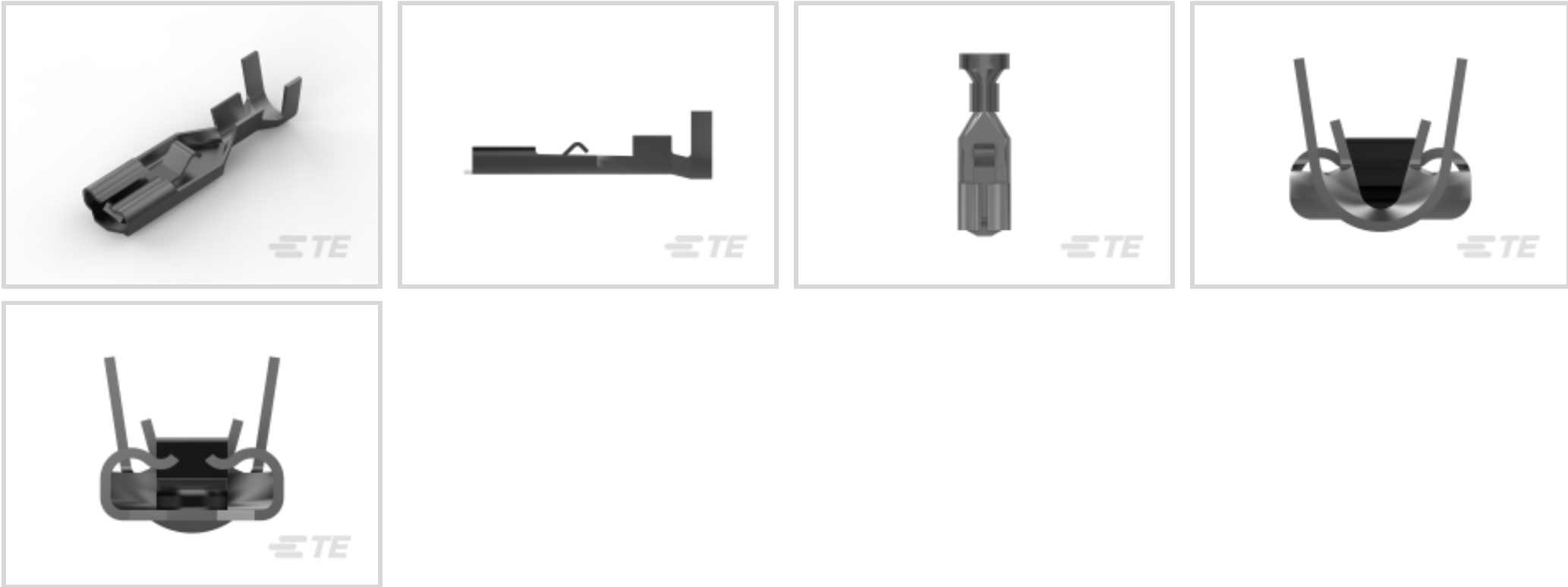




Terminals & Splices > Quick Disconnects



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
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

Termination Features

Product Terminates To	Wire & Cable
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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	19.18 mm[.755 in]
Compatible Insulation Diameter Range	2.29 - 3.3 mm[.09 - .13 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: 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 # 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	 TE Part # 7-2150186-1 OCEAN_2.0_Applicator-E-090F180F	 TE Part # 7-2150186-2 OCEAN_2.0_Applicator-E-090F180F	

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 # 42098-1
FF 250 TAB 18-14 AWG .032 BR

TE Part # 62026-1
187 FASTON REC 20-16 AWG TPBR

TE Part # 280000-6
250 FASTON,REC.,24-17 AWG,TPBR

TE Part # 1534415-6
DUOPL POW FEM CON6P

TE Part # 284930-3
DUOPLUG Standard, female conn.

TE Part # 175020-1
250 PL EX REC. 22-18AWG PTBR

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

TE Part # 926305-6
UNML4WAY CAP

TE Part # 1-282002-3
AMP MONO-SHAPE TAB CONN 2P. G

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