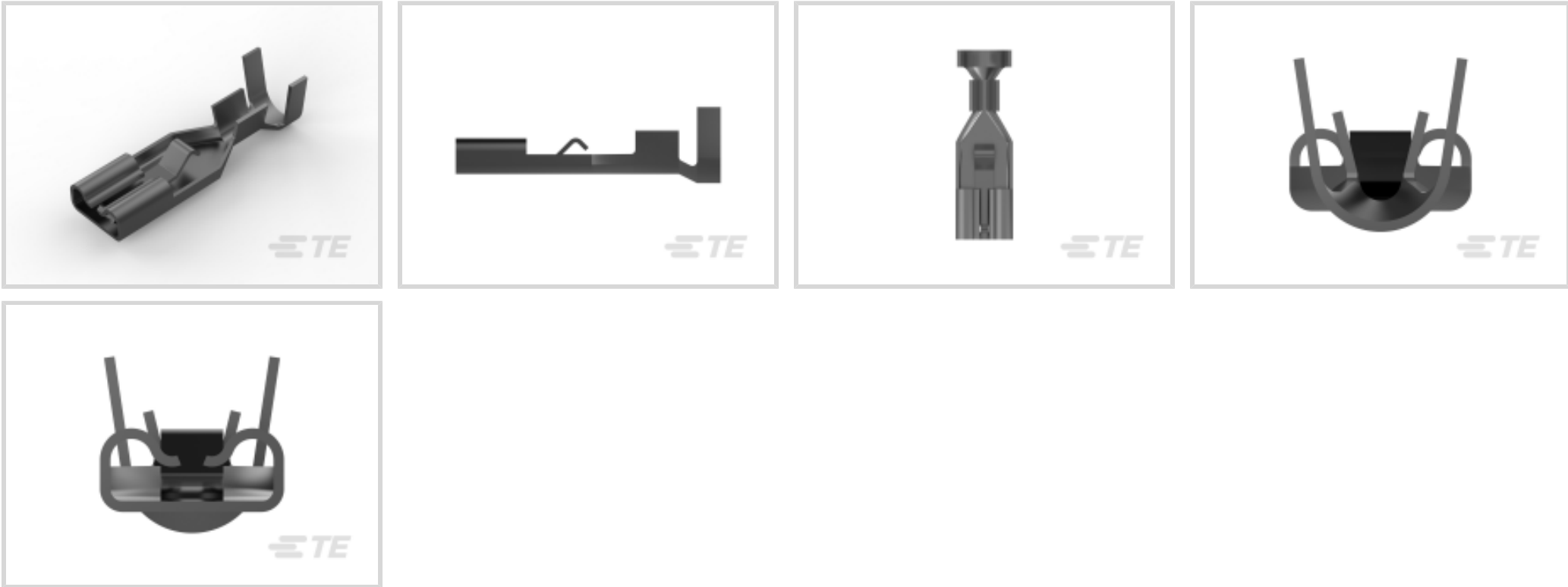




Terminals & Splices > Quick Disconnects



Quick Disconnect Terminal Type: **Receptacle**

Wire Size: **.51 - 1.31 mm²**

Mating Tab Width: **4.75 mm [.187 in]**

Mating Tab Thickness: **.64 mm [.025 in]**

Features

Product Type Features

Insertion Force	Low
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Configuration Features

Connection Capacity	Single
Compatible With Wire & Cable Type	Discrete Wire

Contact Features

Quick Disconnect Terminal Type	Receptacle
Mating Tab Width	4.75 mm[.187 in]
Mating Tab Thickness	.64 mm[.025 in]
Terminal Orientation	Straight
Contact Base Material	Brass
Terminal Plating Material	Tin
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
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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 # 190679-2 POSILOK T'P	TE Part # 2150186-1 OCEAN_2.0_Applicator-E-090F180F-REM	TE Part # 2150186-2 OCEAN_2.0_Applicator-E-090F180F-REA	TE Part # 2825431-1 187 SERIES POSITIVE LOCK (MARK-II) REC
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 # 175179-1 187 PL MII TAB. 22-16 AWG PTBR	 TE Part # 2238178-1 187 X 020 POS LOC REC 20-16 NISTL	 TE Part # 284094-5 TERMI-BLOK PCB MOUNT 90, 5,08M	 TE Part # 284094-6 TERMI-BLOK PCB MOUNT 90, 5,08M
 TE Part # 284094-7 TERMI-BLOK PCB MOUNT 90, 5,08M	 TE Part # L9000082-01 Antenna Dipole 2.4GHz Tilt Swivel SMA	 TE Part # ANT-W63WS1-SMA Antenna Blade Wifi6/6E Swivel SMA	 TE Part # CONMMCX012 MMCX Jack 50 Ohm Cable Crimp
 TE Part # L9000366-01 Antenna Wifi6/6E IP67 Blade SMA			

Documents

Product Drawings
PL 187 TERMINAL REC 20-16 AWG TPBR
English

CAD Files
3D PDF
3D



Customer View Model

[ENG_CVM_CVM_1217580-1_E.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1217580-1_E.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1217580-1_E.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