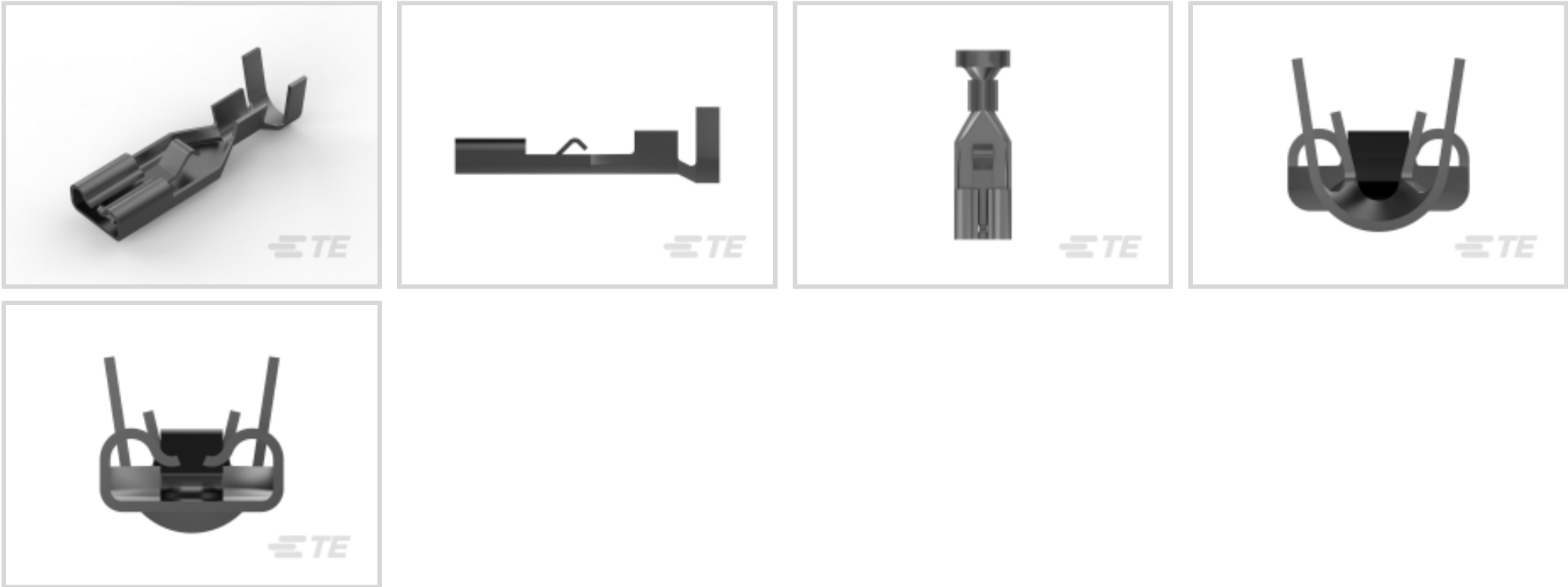




Terminals & Splices > Quick Disconnects



Terminal & Splice Type: **Receptacle**

Wire Size: **.51 – 1.31 mm²**

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

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

Features

Product Type Features

Wire Stop	No
Wire/Cable Type	Regular Wire
Terminates To	Wire & Cable
Quick Disconnect Insertion Force	Low
Sealable	No
Insulated	No

Configuration Features

Connection Capacity	Single
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Body Features

Fully Insulated	No
Quick Disconnect Plating Material	Tin

Contact Features

Terminal Type	Receptacle
Terminal & Splice Type	Receptacle



Quick Disconnect Terminal Orientation	Straight
Contact Base Material	Brass
Crimp Type	F-Crimp
Barrel Type	Open

Mechanical Attachment

Wire Insulation Support	With
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Dimensions

Accepts Wire Insulation Diameter Range	2.29 – 3.3 mm[.09 – .13 in]
Overall Length	19.18 mm[.755 in]
Receptacle Terminal Stock Thickness	.3 mm[.012 in]
Wire Size	.51 – 1.31 mm²
Quick Disconnect Mating Tab Width	4.75 mm[.187 in]
Quick Disconnect Mating Tab Thickness	.64 mm[.025 in]

Usage Conditions

Insulation Requirement	Uninsulated
Operating Temperature Range	-40 – 110 °C[-40 – 230 °F]

Industry Standards

UL Rating	Recognized
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Packaging Features

Packaging Quantity	12000
Quick Disconnect Packaging Method	Strip/Reel

Other

Comment	Low profile - not for use in housing.
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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 2021 (211) Candidate List Declared Against: JAN 2021 (211)



Does not contain REACH SVHC

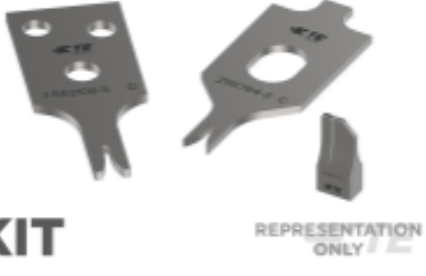
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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Solder Process Capability	Not applicable for solder process capability
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Product Compliance Disclaimer

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 # 2-2150186-1 OCEAN_2.0_Applicator-E-090F180F	 TE Part # 2-2150186-2 OCEAN_2.0_Applicator-E-090F180F	 TE Part # 2150186-1 OCEAN_2.0_Applicator-E-090F180F
 TE Part # 2150186-2 OCEAN_2.0_Applicator-E-090F180F	 TE Part # 2825431-1 187 SERIES POSITIVE LOCK (MARK-II) REC	 TE Part # 2825431-2 187 SERIES POSITIVE LOCK REC, LOOSE PIECE	 TE Part # 7-2150186-1 OCEAN_2.0_Applicator-E-090F180F
 TE Part # 7-2150186-2 OCEAN_2.0_Applicator-E-090F180F	 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 | Positive Lock 187

Crimp Terminal Housings(87)	Insertion & Extraction Tools(2)	Insulation Boots & Sleeves(9)	Quick Disconnects(56)

Customers Also Bought

TE Part #1-2217206-5 Blade, Slug	TE Part #1734798-4 1.0 NON-ZIF FPC B/C SMT 4P	TE Part #2151154-2 OCEAN_2.0_Applicator-S-110F140OV	TE Part #2151566-2 OCEAN_2.0_Applicator-S-070F090O
TE Part #2151814-2 OC-AT-S-FA-100F165O-001-ALS	TE Part #318059-8 FLOATING SHEAR, FRONT	TE Part #4-1579018-5 EXTRACTION TOOL	TE Part #5-1490019-5 CRIMPER, WIRE (.073" 'F')
TE Part #5-963860-2 TAB 2.8x0.8 CONTACT CS SRC Ag	TE Part #EM12546001 RBK-VWS-125-NR4-X-100MM		

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