



Positive Lock | Positive Lock 187

TE Internal #: 175179-1

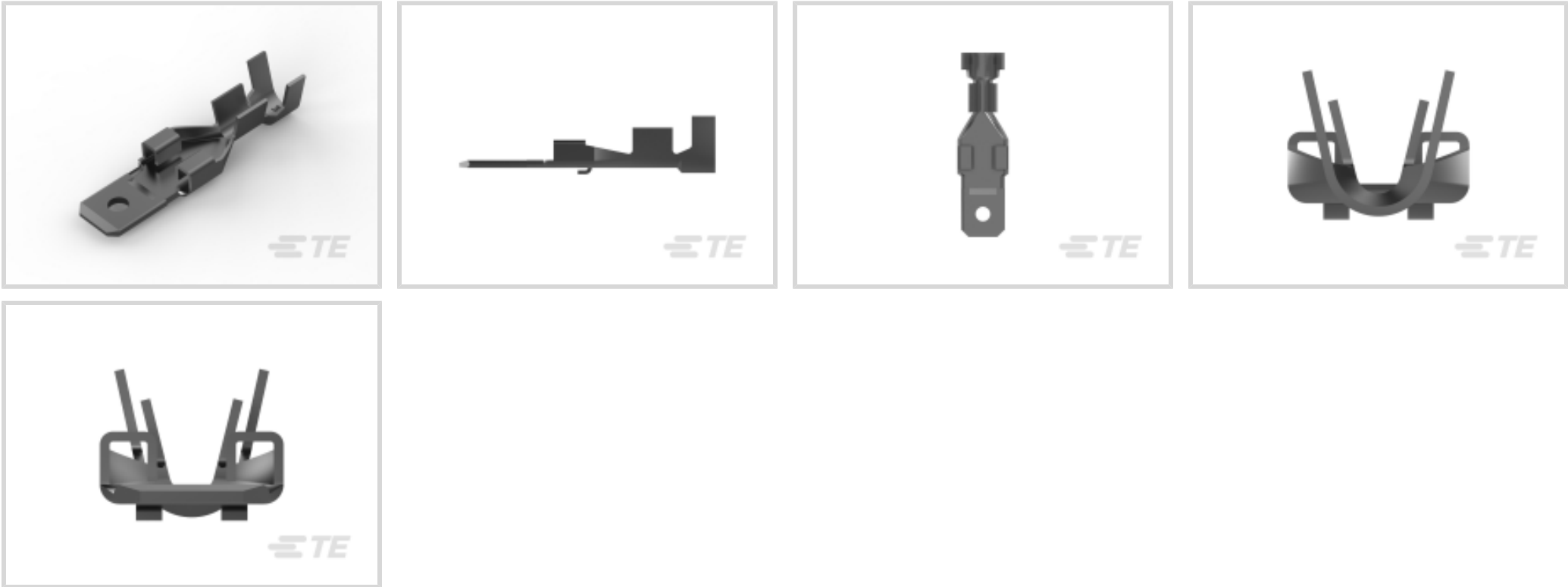
Quick Disconnects, Tab, 20 – 16 AWG Wire Size, .51 – 1.31 mm²

Wire Size, Mating Tab Width 4.75 mm [.187 in], Straight, Brass,

Positive Lock 187

[View on TE.com >](#)

Terminals & Splices > Quick Disconnects



Quick Disconnect Terminal Type: **Tab**

Wire Size: **.51 – 1.31 mm²**

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

Mating Tab Thickness: **.51 mm [.02 in]**

Features

Product Type Features

Insertion Force	Low
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Configuration Features

Compatible With Wire & Cable Type	Discrete Wire
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Contact Features

Quick Disconnect Terminal Type	Tab
Mating Tab Width	4.75 mm[.187 in]
Mating Tab Thickness	.51 mm[.02 in]
Terminal Orientation	Straight
Contact Base Material	Brass
Terminal Plating Material	Pre-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	20.1 mm[.79 in]
Compatible Insulation Diameter Range	1.9 – 3.4 mm[.075 – .134 in]
Wire Size	.51 – 1.31 mm ²

Usage Conditions

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

Industry Standards

Agency/Standard	UL
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Packaging Features

Packaging Quantity	6000
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 2023 (235) Candidate List Declared Against: JAN 2023 (233) 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

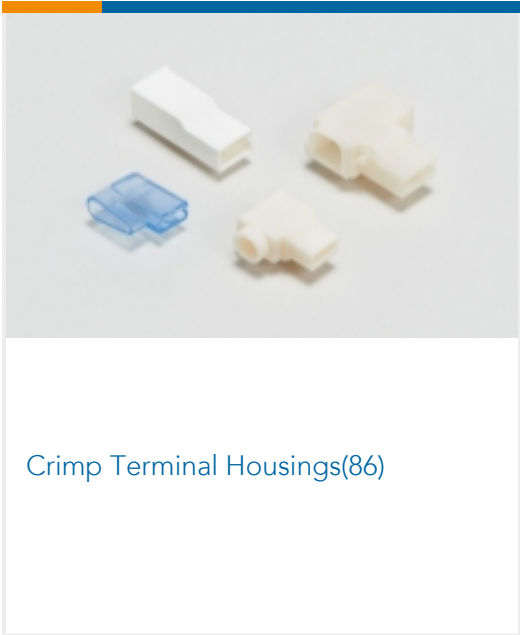
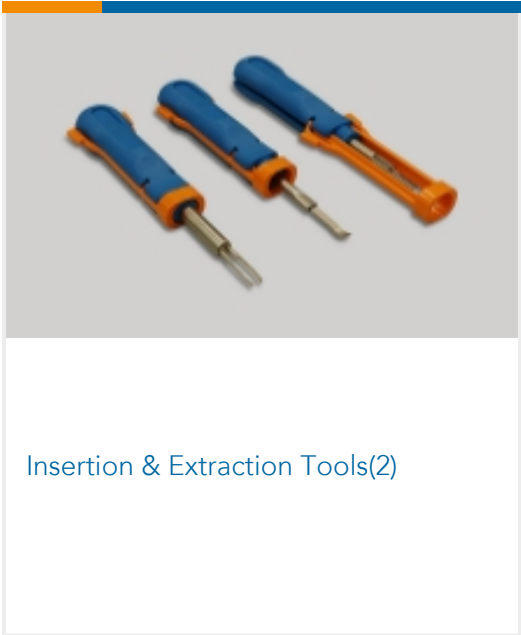
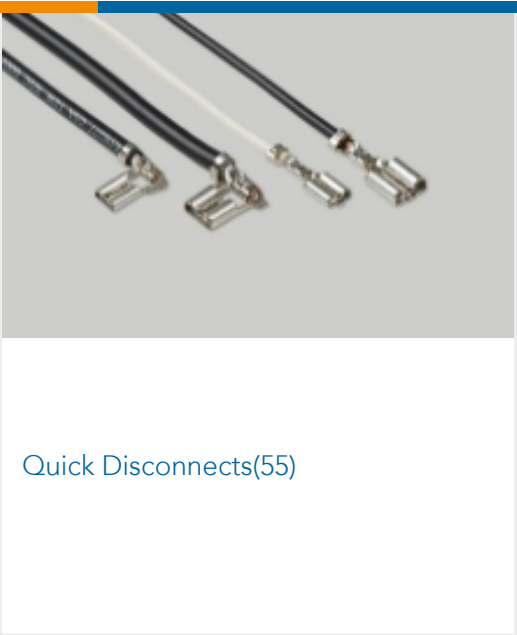


EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical 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 # 176448-1 187 HSG. PL MKII TAB NAT	 TE Part # 2150032-2 OCEAN_2.0_APPLICATOR-E-090F155F	 TE Part # 179182-6 POSITIVE LOCK 187 (4.8 MM) HOUSING	 TE Part # 179182-1 POSITIVE LOCK 187 (4.8 MM) HOUSING
 TE Part # 176448-6 POSITIVE LOCK 187 (4.8 MM) HOUSING	 TE Part # 179182-7 POSITIVE LOCK 187 (4.8 MM) HOUSING	 TE Part # 63784-1 RCPT POS/LK 187 0126PTPBR	 TE Part # 176448-7 PL MKII 187 TAB HSG 1P NYLON RED
 TE Part # 2-2150032-2 OCEAN_2.0_APPLICATOR-E-090F155F	 TE Part # 7-2150032-2 OCEAN_2.0_APPLICATOR-E-090F155F	 TE Part # 7-2150032-7 OCEAN_2.0_SPARE_PART_KIT- 090F155F	 TE Part # 724659-5 EXTRACTION TOOL FOR 187 POSITI

Also in the Series | Positive Lock 187

 Crimp Terminal Housings(86)	 Insertion & Extraction Tools(2)	 Insulation Boots & Sleeves(7)	 Quick Disconnects(55)
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Customers Also Bought

TE Part #177901-1
POWER DBL LOCK PLUG HSG 6P

TE Part #917688-1
SIGNAL DOUBLE LOCK PLUG HSG 4P NATURAL

TE Part #177917-1
AMP POWER DBL LOCK TAB (L)

TE Part #770027-1
06P UMNLI IN-LINE CAP HSG KIT

TE Part #3-520132-2
ULTRAFAST 250 ASSY FLAG REC 16-14 TPBR

TE Part #1-174587-1
PL MK2 2P 187 HOUSING RECEPTACLE NAT

TE Part #179321-3
HYBRID MINI DRAWER TAB CONT.#1

TE Part #170326-1
187 PL MKII REC. 18-14AWG PTBR

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

TE Part #1217580-1
PL 187 TERMINAL REC 20-16 AWG TPBR

Documents

Product Drawings

187 PL MII TAB. 22-16 AWG PTBR

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_175179-1_G.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_175179-1_G.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_175179-1_G.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

Product Environmental Compliance

MD_175179-1_05032016238_dmtec

English

MD_175179-1_05032016238_dmtec

English

Agency Approvals

UL Report

English