



Positive Lock | Mark II, Positive Lock 187

TE Internal #: 170326-1

Quick Disconnects, Receptacle, 18 – 14 AWG Wire Size, .82 – 2.08 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: **Receptacle**

Wire Size: **.82 – 2.08 mm²**

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

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

Features

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	.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

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Wire Insulation Support	With
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Mating Retention Type	Dimple
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Dimensions

Terminal Material Thickness	.3 mm[.012 in]
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Product Length	21.6 mm[.85 in]
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Compatible Insulation Diameter Range	2.1 – 3.6 mm[.082 – .141 in]
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Wire Size	.82 – 2.08 mm ²
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Usage Conditions

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

Agency/Standard	UL
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Packaging Features

Packaging Quantity	5000
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Packaging Method	Strip/Reel
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Other

Terminals & Splices Comment	Air-feed Applicator should be used., External Diameter of a wire 1.6-3.1mm.
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Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2023 (235) Candidate List Declared Against: JUNE 2023 (235) Does not contain REACH SVHC
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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

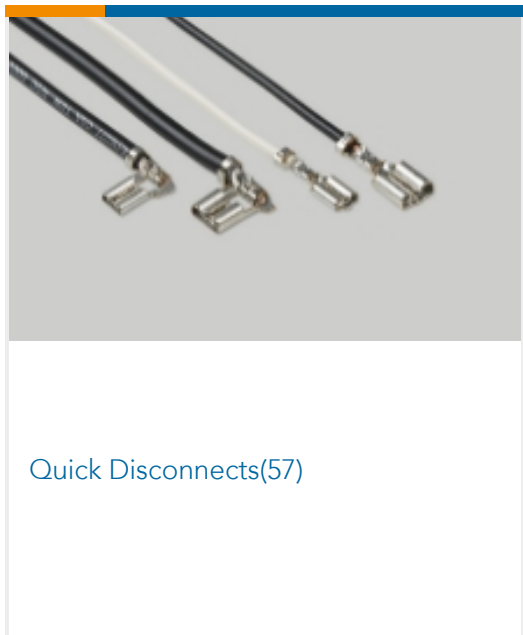
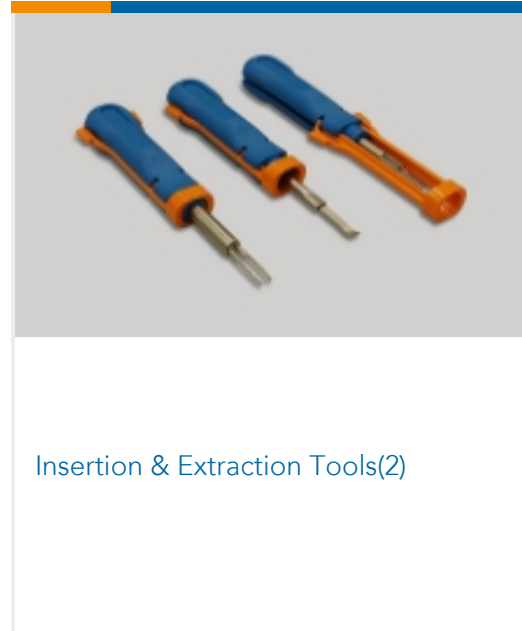
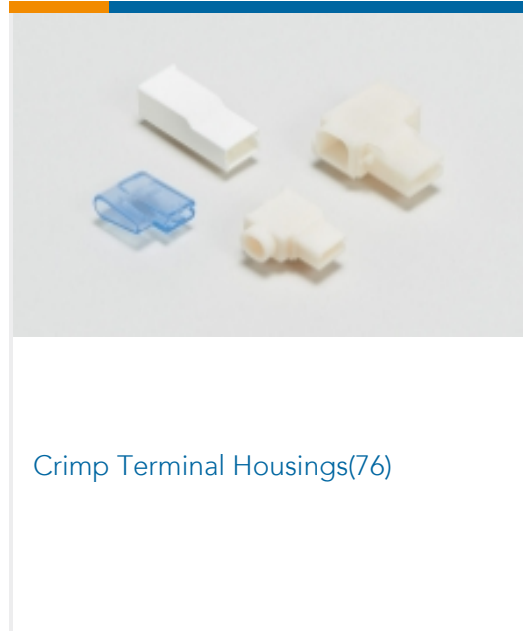
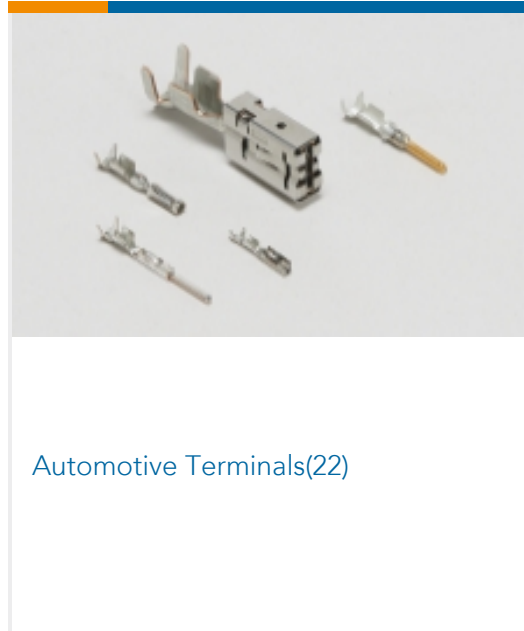
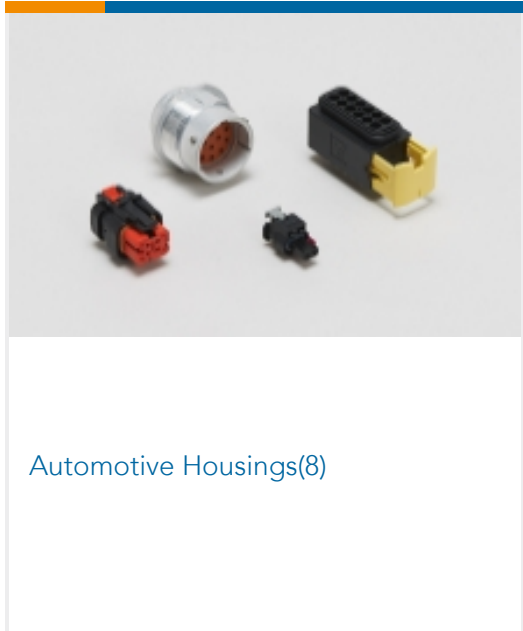
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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

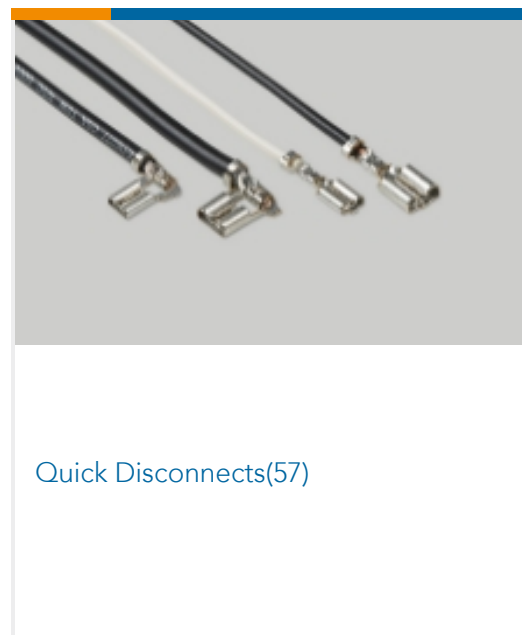
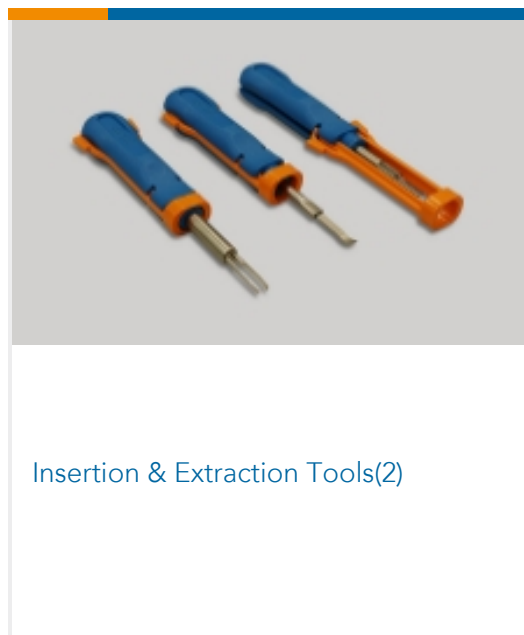
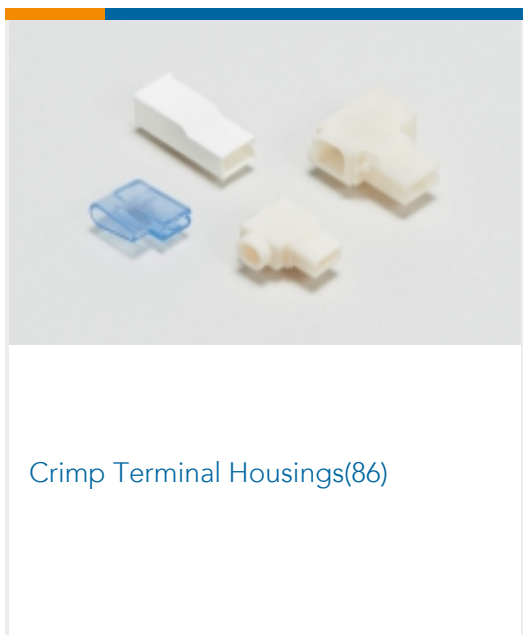
 <p>TE Part # 724659-1 EXT TOOL FOR POSITIVE .187</p>	 <p>TE Part # 172075-1 POSITIVE LOCK 187 HOUSING RECEPTACLE</p>	 <p>TE Part # 1-172075-1 3 POS PL 187(4.8 MM) HOUSING NATURAL</p>	 <p>TE Part # 173974-6 PL MKII 187 REC HSG 1P NYLON BLUE</p>
 <p>TE Part # 174513-1 PL 187 HOUSING RECEPTACLE</p>	 <p>TE Part # 1-174587-1 PL MK2 2P 187 HOUSING RECEPTACLE NAT</p>	 <p>TE Part # 176498-1 POSITIVE LOCK 187 (4.8 MM) HOUSING</p>	 <p>TE Part # 1-174712-1 187 HSG. PL MKII REC. 6.65mm 2P NAT</p>
 <p>TE Part # 174712-1 PL 187 (4.8 MM) HOUSING RECEPTACLE</p>	 <p>TE Part # 172074-1 187 HSG. PLMKII REC. NAT</p>	 <p>TE Part # 173974-1 187 HSG. PL MKII REC. NAT</p>	 <p>TE Part # 176498-4 POSITIVE LOCK 187 (4.8 MM) HOUSING</p>
 <p>TE Part # 1-1743068-1 3 POS PL 187(4.8 MM) HOUSING NATURAL</p>	 <p>TE Part # 179183-6 POSITIVE LOCK 187 (4.8 MM) HOUSING</p>	 <p>TE Part # 175578-1 PL 187 HOUSING RECEPTACLE</p>	 <p>TE Part # 176498-6 PL MKII 187 REC HSG 2P NYLON BLUE</p>



Also in the Series | **Mark II**



Also in the Series | **Positive Lock 187**



Customers Also Bought



TE Part #170092-4
FF 250 REC 18-14AWG TPBR
REREELING



TE Part #1971030-8
8POS Plug Housing for GIC 2.0 EV
Series



TE Part #1871415-1
AMPSEAL16, CAP ASSY, 8P-A, B/R TYPE,
RWDS,



TE Part #5-179463-1
POWER DBL LOCK CAP HSG F/H 2P
(GWT)



TE Part #1-2232572-2
GIC 2.5 W CAP HSG 3P RED



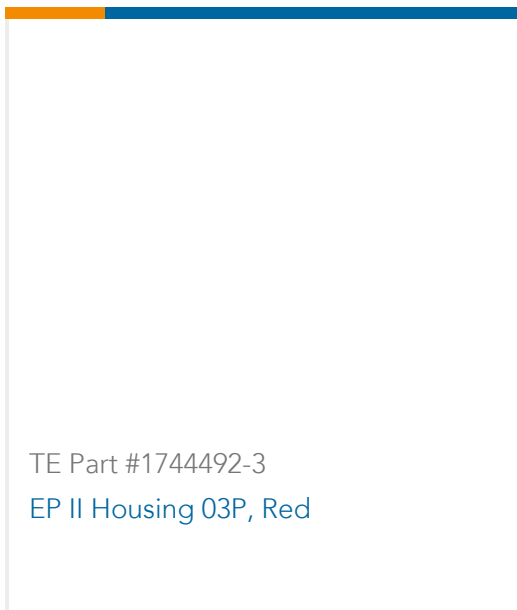
TE Part #EM7486-000
X2-5.0-0-SP-SM



TE Part #2-1743068-1
187 HSG. PL MKII REC. 5mm 3P NAT



TE Part #2266951-1
OCEAN_2.0_Applicator-S-075F157F



TE Part #1744492-3
EP II Housing 03P, Red



TE Part #2-1743217-1
GAS VALVE 3P HSG GWT

Documents

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_170326-1_N.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_170326-1_N.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_170326-1_N.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages

[1654742_HOUSEHOLD_APPLIANCES_RAST5](#)

English

Positive Lock Receptacles

English



Product Specifications

Application Specification

English

Product Environmental Compliance

MD_170326-1_053120181022_dmtec

English

MD_170326-1_053120181022_dmtec

English

Instruction Sheets

Instruction Sheet (non U.S.)

English

AMP* POSITIVE LOCK CONNECTOR

English

Agency Approvals

Agency Approval Document

English