



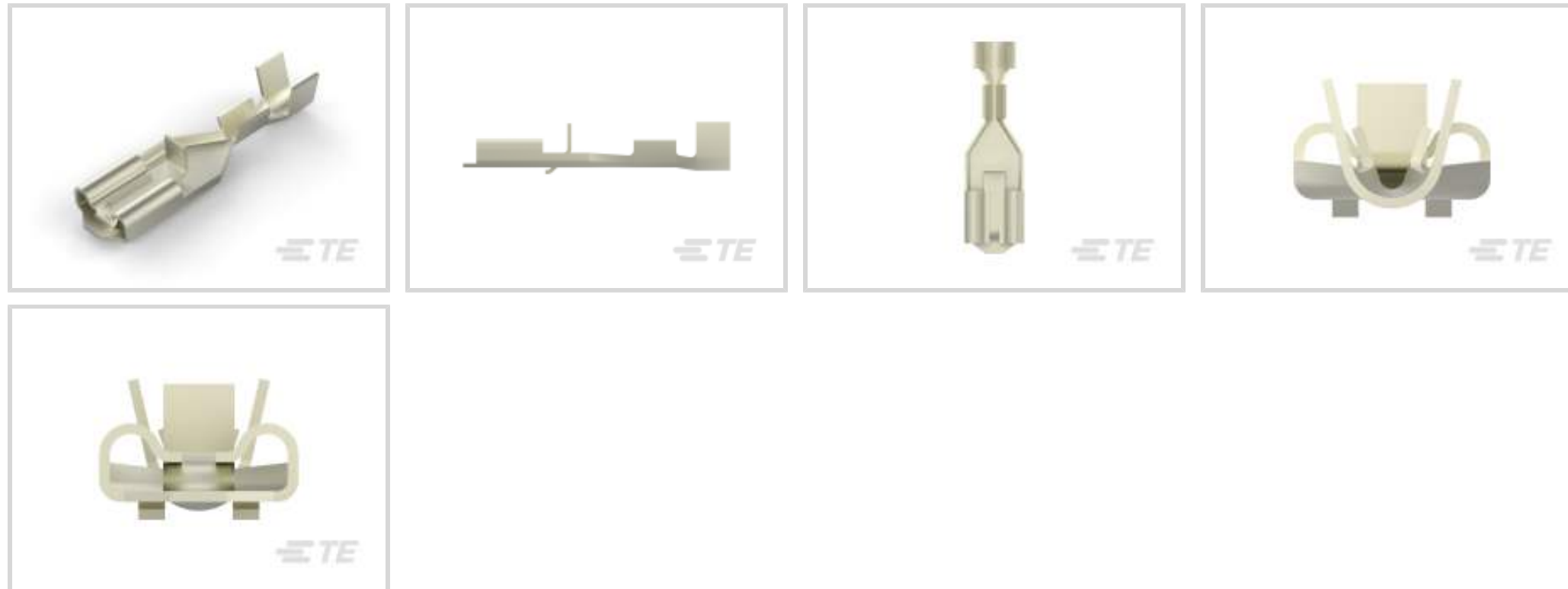
Positive Lock | Mark II, Positive Lock 187

TE Internal #: 170330-2

Quick Disconnects, Receptacle, 24 – 20 AWG Wire Size, .2 – .51 mm² Wire Size, Mating Tab Width 4.75 mm [.187 in], Straight, Positive Lock 187

[View on TE.com >](#)

Terminals & Splices > Quick Disconnects



Quick Disconnect Terminal Type: **Receptacle**

Wire Size: .2 – .51 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

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	Phosphor Bronze
Terminal Plating Material	Nickel
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
Mating Retention Type	Dimple

Dimensions

Terminal Material Thickness	.3 mm[.012 in]
Product Length	21.6 mm[.85 in]
Compatible Insulation Diameter Range	1.5 – 2.7 mm[.059 – .106 in]
Wire Size	.2 – .51 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	500
Packaging Method	Loose Piece/Carton

Product Compliance

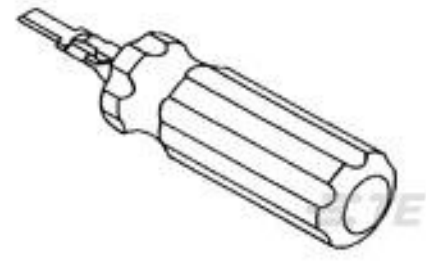
[For compliance documentation, visit the product page on TE.com>](#)

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

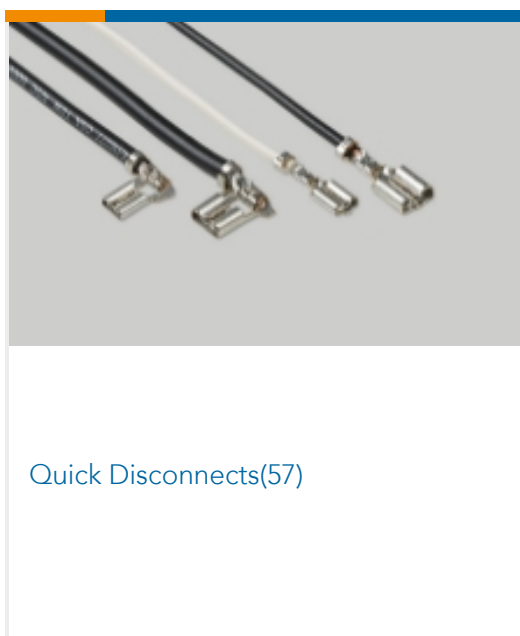
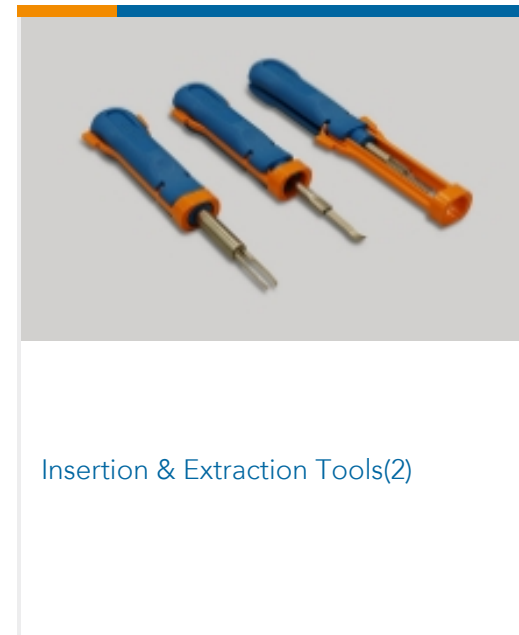
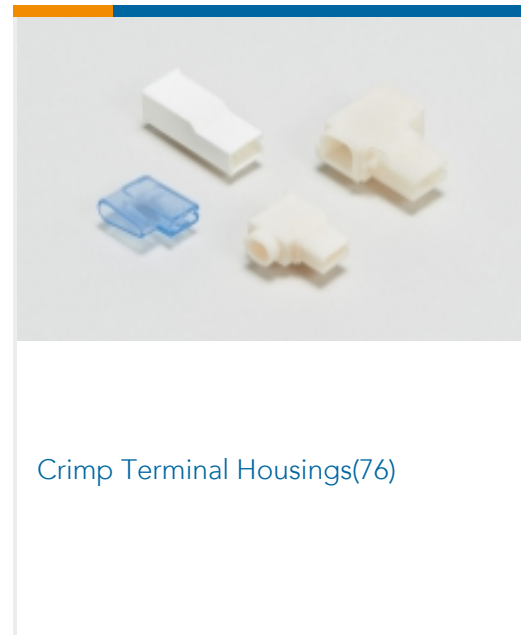
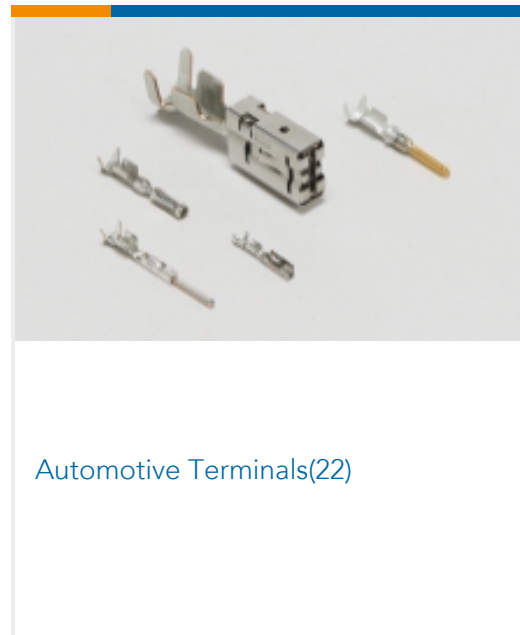
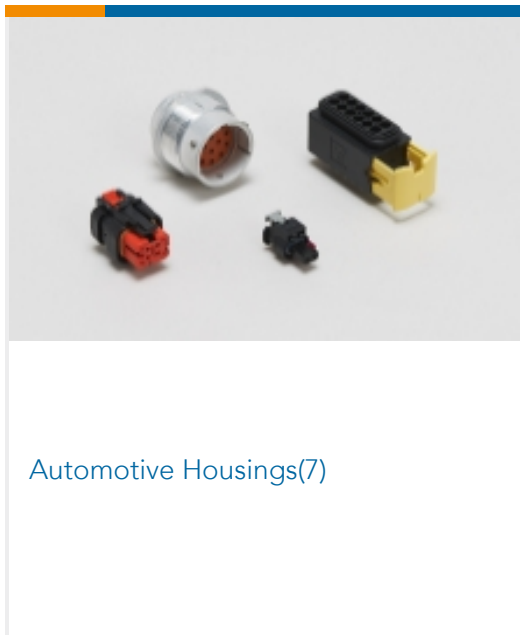
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight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

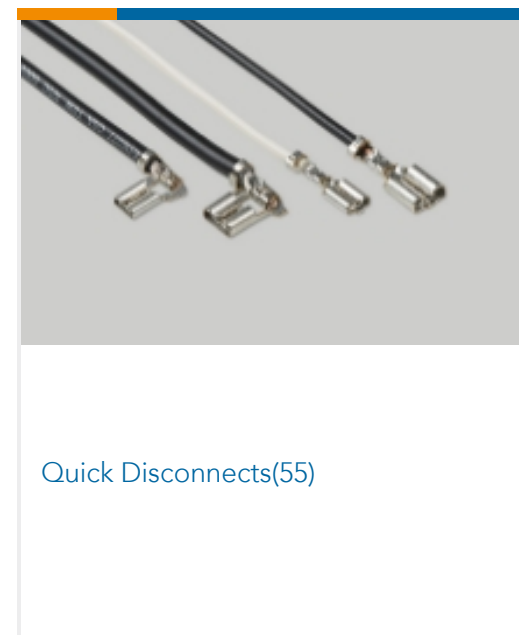
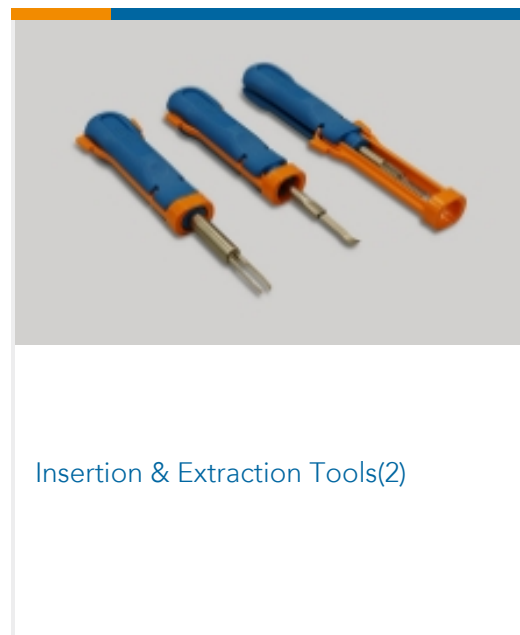
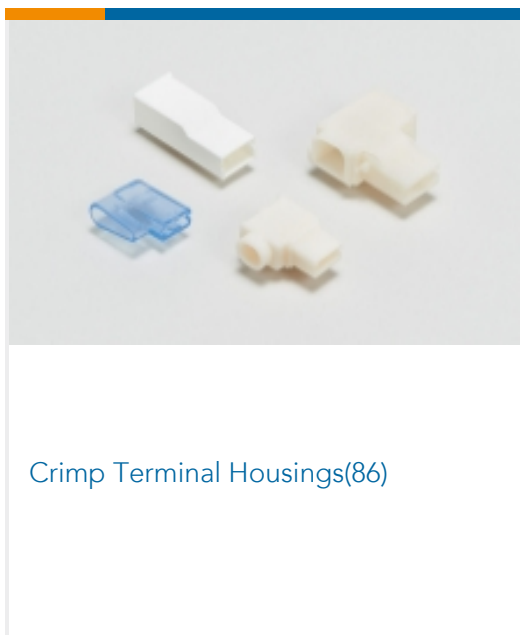
 <p>TE Part # 724659-1 EXT TOOL FOR POSITIVE .187</p>	 <p>TE Part # 172075-1 POSITIVE LOCK 187 HOUSING RECEPTACLE</p>	 <p>TE Part # 1-172075-1 3 POS PL 187(4.8 MM) HOUSING NATURAL</p>	 <p>TE Part # 173974-6 PL MKII 187 REC HSG 1P NYLON BLUE</p>
 <p>TE Part # 174513-1 PL 187 HOUSING RECEPTACLE</p>	 <p>TE 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 # 2063760-1 CCII 187 POSITIVE LOCK REC 24-20 ASSY</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



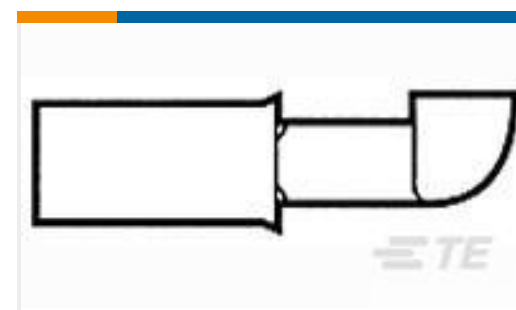
TE Part #D369-P66-NS1
369 6 WAY PLUG, CRIMP, SKT



TE Part #3206430001
HT-SCE High Temperature Sleeves



TE Part #A11348-000
HTCM-SCE-TP-1/4-4H-9



TE Part #35762
KNIFE DISCONNECT,PIDG 12-10



TE Part #1757824-8
AMPLIMITE,ASY,RCPT,STD,90,ZN,2,
CONT



TE Part #ZPF000000000107200
787-8055-11M



TE Part #ZPF000000000000289
006-0910-10



TE Part #5039274102
DR-25-1/4-0-CS-34034

Documents

Product Drawings

PL 187 RECEPTACLE 24-20 AWG NPPHBZ

Japanese

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_170330-2_C.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_170330-2_C.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_170330-2_C.3d_stp.zip](#)

English

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Product Specifications

Application Specification

English

Product Environmental Compliance

TE Material Declaration

English