

175019-1 ✓ ACTIVE

[Positive Lock](#) | [Positive Lock 187](#)

TE Internal #: 175019-1

Positive Lock 187, Quick Disconnects, Receptacle, 22 – 16AWG

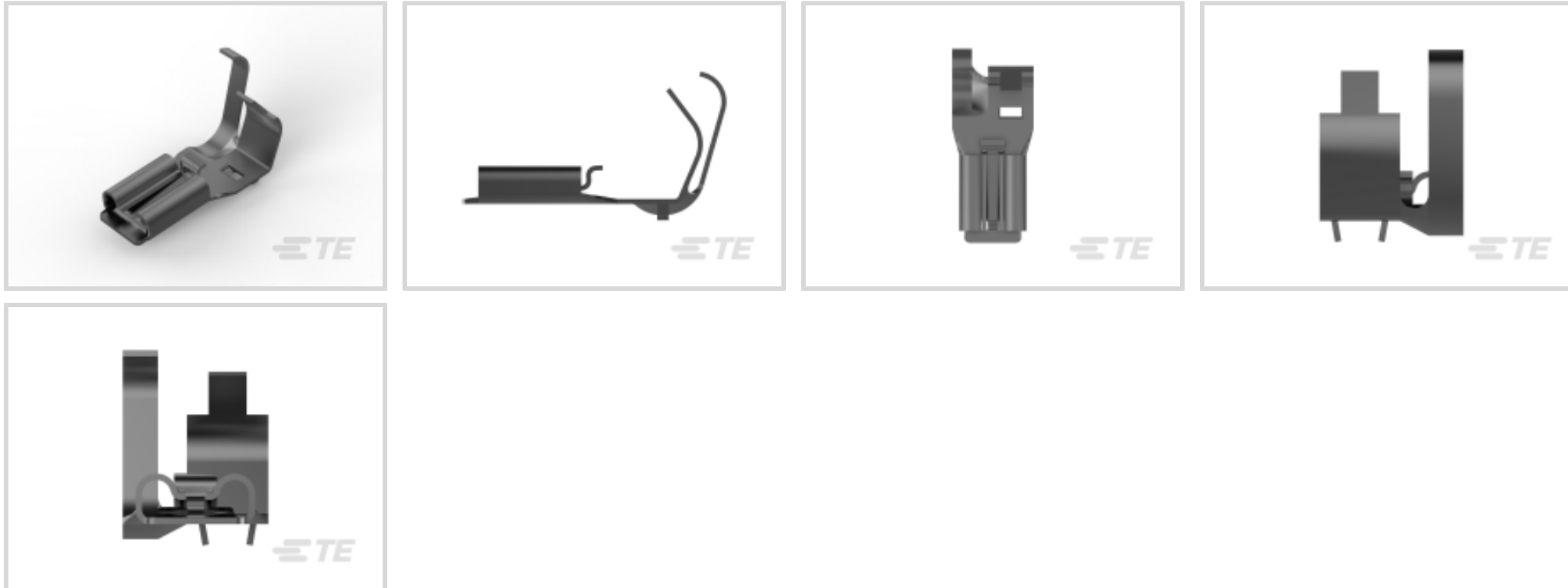
Wire Size, .32 – 1.31mm² Wire Size, Quick Disconnect Mating Tab

Width 4.75 mm [.187 in]

[View on TE.com >](#)



Terminals & Splices > Quick Disconnects



Terminal & Splice Type: **Receptacle**

Wire Size: .32 – 1.31 mm²

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

Quick Disconnect Mating Tab Thickness: .51 mm [.02 in]

Features

Product Type Features

Wire Stop	No
Wire/Cable Type	Regular Wire
Terminates To	Wire & Cable
Sealable	No
Insulated	Yes

Configuration Features

Connection Capacity	Single
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Electrical Characteristics

Voltage (Max)	250 V
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Body Features

Fully Insulated	Yes
Quick Disconnect Plating Material	Pre-Tin

Contact Features

Terminal Type	Receptacle
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Terminal & Splice Type	Receptacle
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Quick Disconnect Terminal Orientation	Flag
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Contact Base Material	Brass
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Crimp Type	F-Crimp
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Barrel Type	Open
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Mechanical Attachment

Wire Insulation Support	With
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Dimensions

Accepts Wire Insulation Diameter Range	1.7 – 4.32 mm [.066 – .17 in]
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Overall Length	15.9 mm [.625 in]
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Receptacle Terminal Stock Thickness	.3 mm [.012 in]
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Wire Size	.32 – 1.31 mm ²
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Quick Disconnect Mating Tab Width	4.75 mm [.187 in]
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Quick Disconnect Mating Tab Thickness	.51 mm [.02 in]
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Usage Conditions

Insulation Requirement	Fully Insulated
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Operating Temperature Range	-40 – 110 °C [-40 – 230 °F]
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Packaging Features

Packaging Quantity	4000
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Quick Disconnect Packaging Method	Strip/Reel
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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: JAN 2021 (211) Candidate List Declared Against: JAN 2021 (211) Does not contain REACH SVHC
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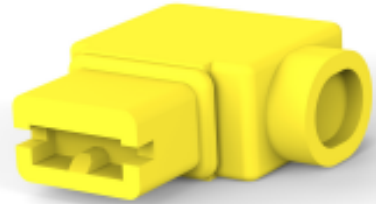

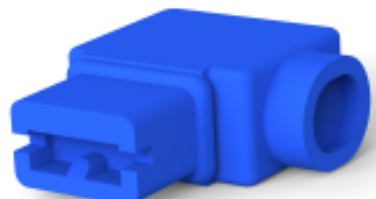

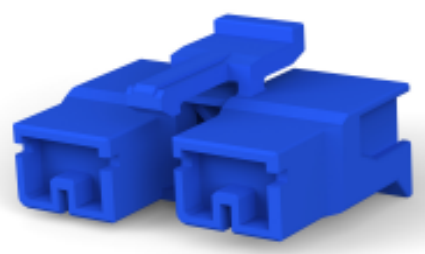
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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Solder Process Capability	Not applicable for solder process capability
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Product Compliance Disclaimer

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 # 2232342-1 187 PL EX FLAG REC. 22-16AWG PTBR</p>	 <p>TE Part # 1-178708-4 PL EX SLEEVE 187 FLAG YELLOW 6/6 NYLON</p>	 <p>TE Part # 1-178708-1 187 SLEEV PL EX FLAG NAT</p>	 <p>TE Part # 1-178708-7 PL EX SLEEVE 187 FLAG RED 6/6 NYLON</p>
 <p>TE Part # 1-178708-5 SLEEVE FOR 187 POSITIVE LOCK</p>	 <p>TE Part # 1-178708-6 PL EX SLEEVE 187 FLAG BLUE 6/6 NYLON</p>	 <p>TE Part # 1-178708-9 PL EX SLEEVE 187 FLAG BLACK 6/6 NYLON</p>	 <p>TE Part # 1743058-1 PL 187 REC 22-16 AWG 0.3 X 22.8 PTBR</p>
 <p>TE Part # 1743221-1 250 PL EX FLAG REC. 18-12AWG PTBR</p>	 <p>TE Part # 1743643-1 Pos Lock 250 Rec Flag Hsg 2P Nat</p>	 <p>TE Part # 1743643-6 Pos Lock 250 Rec Flag Hsg 2P Blu</p>	 <p>TE Part # 1743643-9 Pos Lock 250 Rec Flag Hsg 2P Blk</p>



TE Part # 368601-1
POSITIVE LOCK EX 187 HOUSING REC



TE Part # 567405-1
M HB EMPO140T1400 T 175019



TE Part # 567405-2
HDM HB 9EMPR140T1400 K

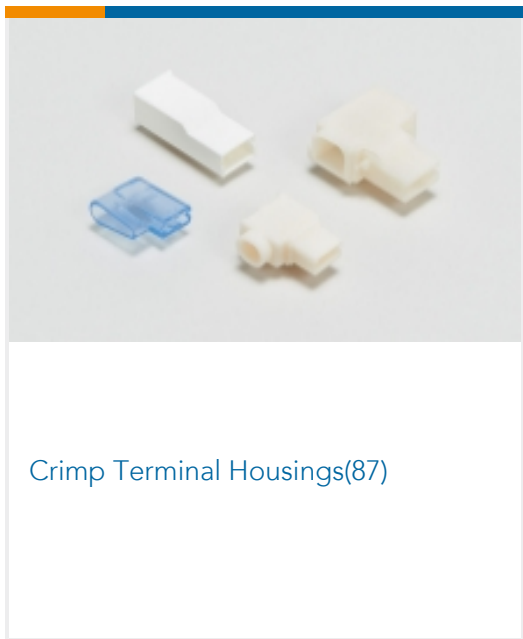


TE Part # 567405-3
HDM*HB* 9EMPR140T1400 G

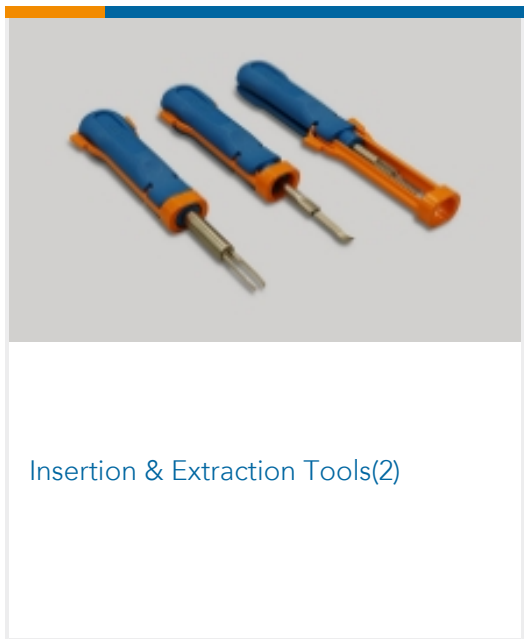


TE Part # 567405-4
HDMHB 9EAPR140T1400 G

Also in the Series | Positive Lock 187



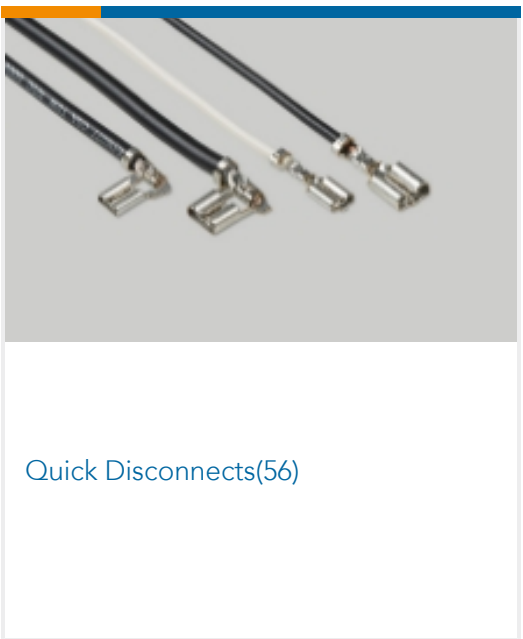
Crimp Terminal Housings(87)



Insertion & Extraction Tools(2)



Insulation Boots & Sleeves(9)



Quick Disconnects(56)

Customers Also Bought



TE Part #917765-1
Signal Double Lock Tab



TE Part #173974-1
187 HSG. PL MKII REC. NAT



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



TE Part #175057-1
250 PL EX FLAG REC. 18-12AWG PTBR



TE Part #1746971-1
GRACE INERTIA Receptacle



TE Part #1-456134-2
CRIMPER, INSULATION "F"(.155")



TE Part #1-178708-1
187 SLEEV PL EX FLAG NAT



TE Part #173724-1
187 PL EX REC. 20-14AWG PTBR



Documents

Product Drawings

187 PL EX FLAG REC. 22-16AWG PTBR

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_175019-1_L_c-175019-1-l.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_175019-1_L_c-175019-1-l.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_175019-1_L_c-175019-1-l.3d_stp.zip](#)

English

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

Product Specifications

Application Specification

Japanese

[Crimping "187" Series Flag Type Positive Lock EX Contact](#)

Japanese

Product Environmental Compliance

[MD_175019-1_053120182140_dmtec](#)

English

[MD_175019-1_053120182140_dmtec](#)

English

Instruction Sheets

Instruction Sheet (non U.S.)

English

[POSITIVE LOCK EX CONTACT](#)

English



[Agency Approvals](#)

[Agency Approval Document](#)

English