

175164-1 ✓ ACTIVE

Positive Lock | Positive Lock 250

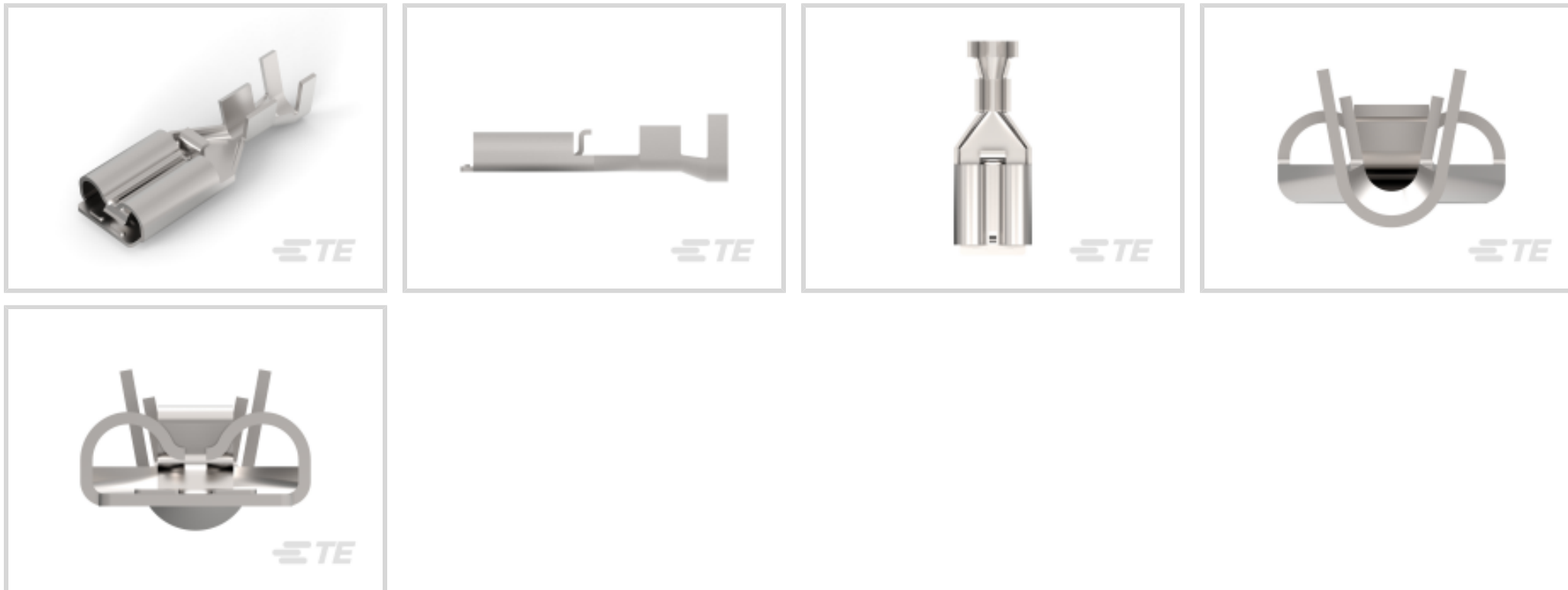
TE Internal #: 175164-1

Quick Disconnects, Receptacle, 18 – 14 AWG Wire Size, .82 – 2.08 mm² Wire Size, Mating Tab Width .25 in [6.35 mm], Straight, Positive Lock 250

[View on TE.com >](#)



Terminals & Splices > Quick Disconnects



Quick Disconnect Terminal Type: **Receptacle**

Wire Size: **.82 – 2.08 mm²**

Mating Tab Width: **6.35 mm [.25 in]**

Mating Tab Thickness: **.81 mm [.032 in]**

Features

Product Type Features

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

Configuration Features

Connection Capacity	Single
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Contact Features

Quick Disconnect Terminal Type	Receptacle
Mating Tab Width	6.35 mm [.25 in]
Mating Tab Thickness	.81 mm [.032 in]
Terminal Orientation	Straight
Contact Base Material	Stainless Steel
Terminal Plating Material	Unplated
Crimp Type	F-Crimp



Barrel Type	Open
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Mechanical Attachment

Mating Retention Type	Dimple
Extraction Force	7 – 100 Newton
Wire Insulation Support	With

Dimensions

Accepts Wire Insulation Diameter Range	2.21 – 3.4 mm [.087 – .134 in]
Overall Length	21.2 mm [.834 in]
Receptacle Terminal Stock Thickness	.41 mm [.016 in]
Wire Size	.82 – 2.08 mm ²

Usage Conditions

Insulation Option	Fully Insulated
Operating Temperature Range	-40 – 250 °C [-40 – 482 °F]

Industry Standards

UL Rating	Recognized
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Packaging Features

Packaging Quantity	4500
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 2022 (224) Candidate List Declared Against: JAN 2022 (223) SVHC > Threshold: Not Yet Reviewed
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

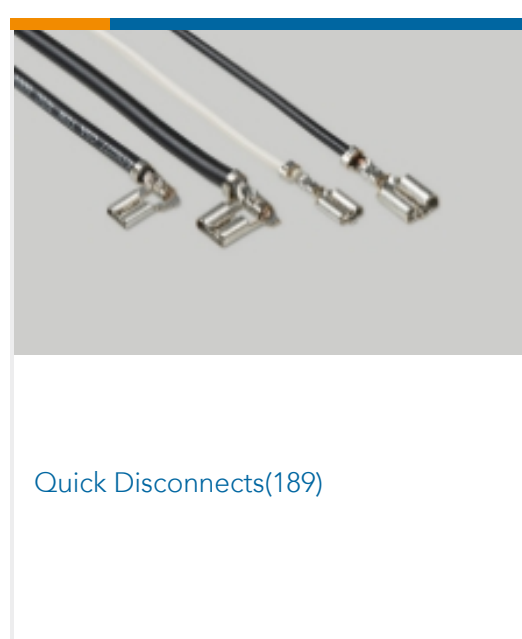
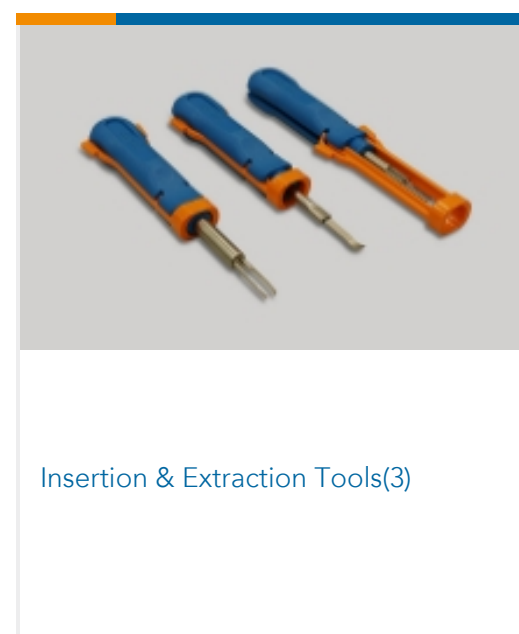
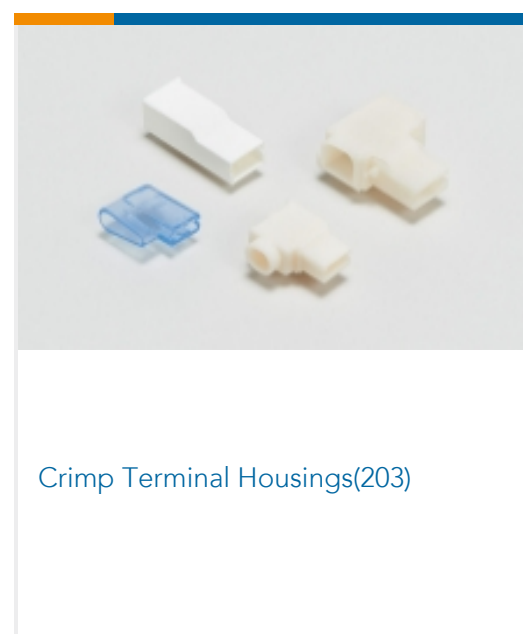
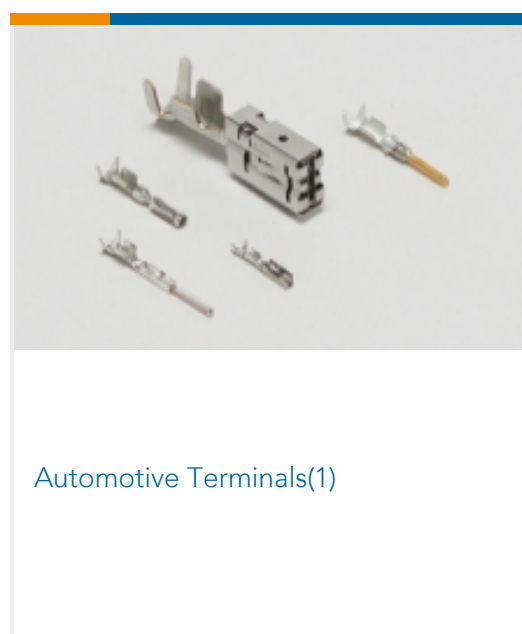
Product Compliance Disclaimer

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



Also in the Series | Positive Lock 250



Customers Also Bought



TE Part #316090-1
2.5 SIGNAL D/LOCK CAP HSG 6P



TE Part #2-1376389-3
5MM POWER KEY 3P PLUG HSG BLUE



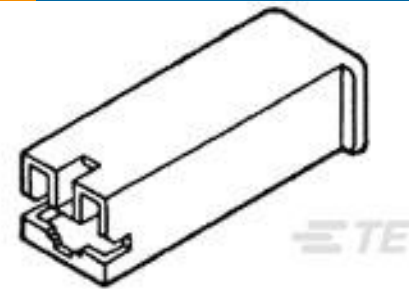
TE Part #3-641438-4
04P MTA156 PSTD CONN ASSY WHT



TE Part #2132781-5
05P EP-II HOUSING, NATURAL



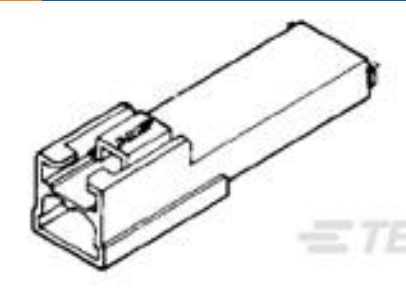
TE Part #176498-1
POSITIVE LOCK 187 (4.8 MM)
HOUSING



TE Part #2-172076-1
250 HSG. PL MKII REC. NAT



TE Part #175019-1
187 PL EX FLAG REC. 22-16AWG PTBR



TE Part #179182-1
POSITIVE LOCK 187 (4.8 MM)
HOUSING

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

Documents

Product Drawings

[250 PL EX REC. 18-14AWG ST](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_175164-1_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_175164-1_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_175164-1_A.3d_stp.zip](#)

English

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Datasheets & Catalog Pages



Positive Lock Receptacles

English

Product Specifications

CRIMPING 250 SERIES, POSITIVE LOCK, EX CONTACT (HEAT RESIST)

Japanese

Application Specification

Japanese

Product Environmental Compliance

MD_175164-1_01042018127_dmtec

English

MD_175164-1_01042018127_dmtec

English

Instruction Sheets

Instruction Sheet (non U.S.)

English

POSITIVE LOCK EX CONTACT

English