



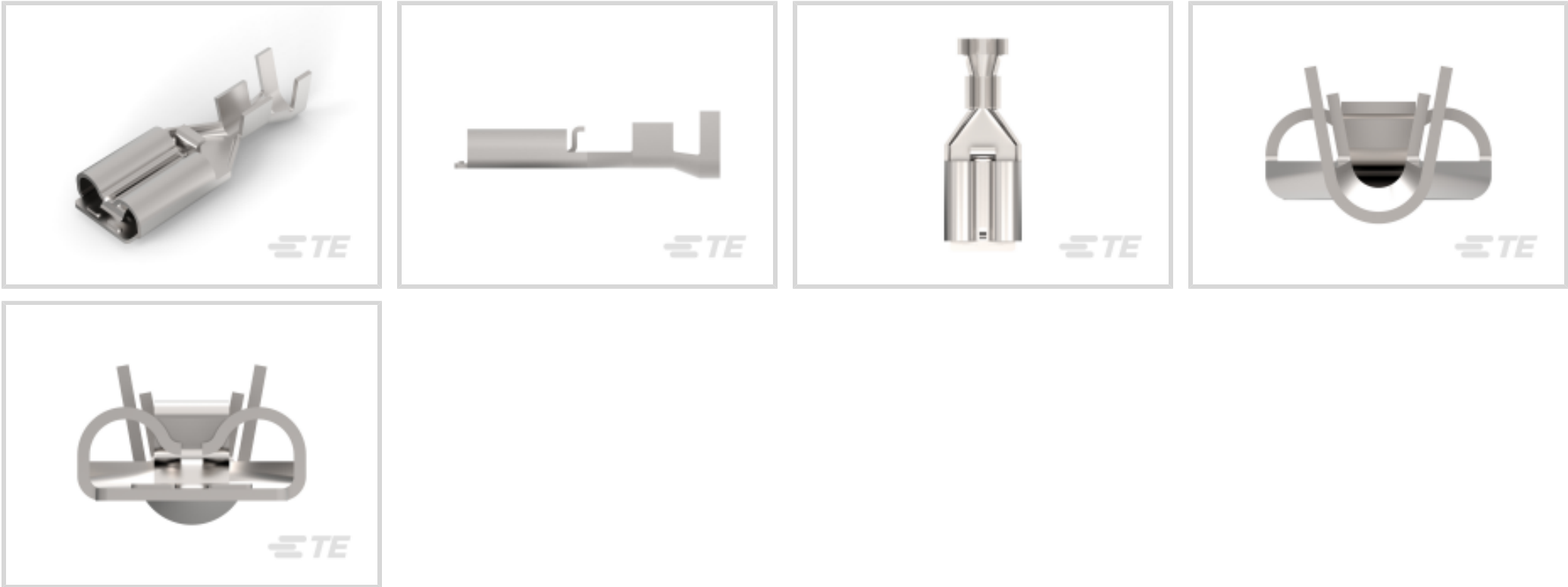
Positive Lock | Positive Lock 250

TE Internal #: 175164-1

Quick Disconnects, Receptacle, 18 - 14 AWG Wire Size, .82 - 2.08 mm² Wire Size, Mating Tab Width 6.35 mm [.25 in], 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

Insertion Force	Low
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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

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	.41 mm[.016 in]
Product Length	21.2 mm[.834 in]
Compatible Insulation Diameter Range	2.21 - 3.4 mm[.087 - .134 in]
Wire Size	.82 - 2.08 mm ²

Usage Conditions

Insulation Option	Uninsulated
Operating Temperature Range	-40 - 250 °C[-40 - 482 °F]

Industry Standards

Compatible With Agency/Standards Products	UL
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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: JAN 2024 (240) Candidate List Declared Against: JAN 2024 (240) 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 # 2150057-2
OCEAN_2.0_APPLICATOR-E-110F180F-REA

TE Part # 7-2150057-7
OCEAN_2.0_SPARE_PART_KIT-110F180F

TE Part # 7-2150057-2
OCEAN_2.0_APPLICATOR-E-110F180F

Also in the Series | Positive Lock 250

Automotive Terminals(1)

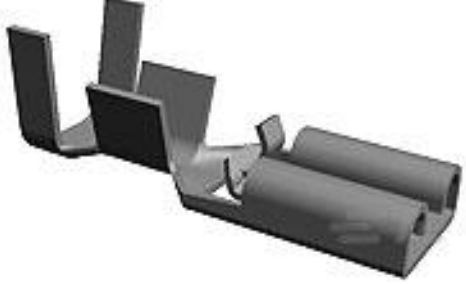
Crimp Terminal Housings(192)

Insertion & Extraction Tools(3)

Insulation Boots & Sleeves(4)

Quick Disconnects(186)

Customers Also Bought



TE Part # 1217096-2
PL 187 RECEPTACLE 18-14 AWG TPBR



TE Part # 63498-1
PL 187 TERMINAL REC 20-16 AWG TPBR



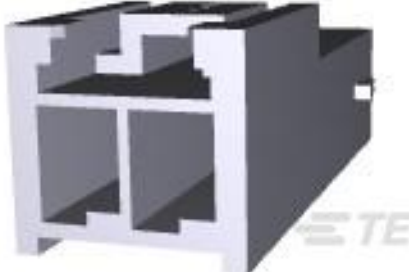
TE Part # 175057-2
250 PL EX FLAG REC. 18-12AWG PTBR



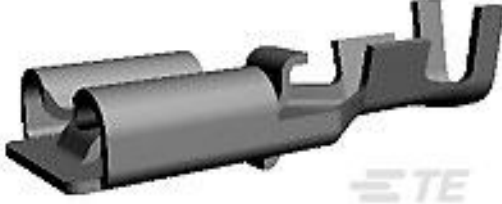
TE Part # 6-160430-6
187 FASTON REC 20-16 AWG BR



TE Part # 1827387-1
GIC 3.3 PLUG HOUSING 8P



TE Part # 179463-4
AMP POWER DBL LOCK HSG 2P



TE Part # 179974-6
250 PL EX REC. 18-14AWG PTBR



TE Part # 2013799-1
250 HSG. PL EX REC. BLACK



TE Part # 2238190-1
LOW PROFILE MINI AMP-IN SM



TE Part # 2821230-1
CABLE ASSY, MBXL, CBL-0177-03

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

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

Datasheets & Catalog Pages



Positive Lock Receptacles

English

Product Specifications

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

Japanese

Application Specification

Japanese

Instruction Sheets

Instruction Sheet (non U.S.)

English

POSITIVE LOCK EX CONTACT

English