



Positive Lock | Positive Lock 250

TE Internal #: 170456-1

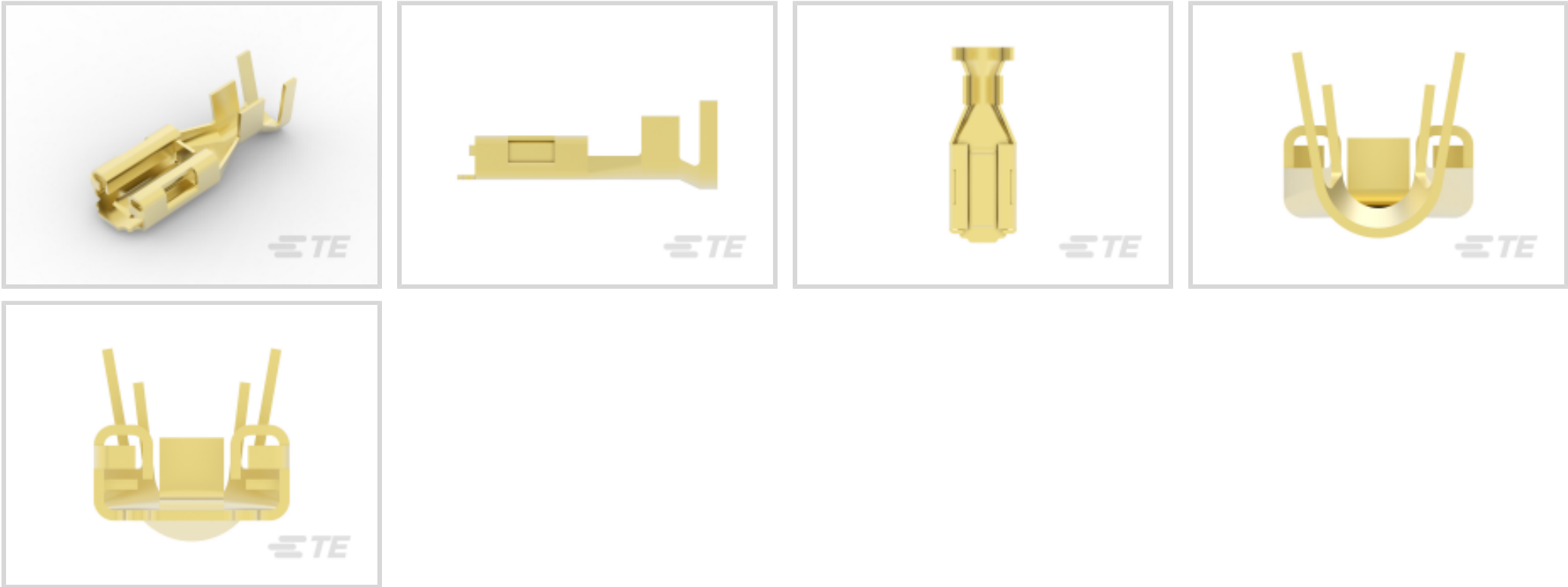
Positive Lock 250, Quick Disconnects, Receptacle, 12 – 10AWG

Wire Size, 3.31 – 5.26mm² Wire Size, Quick Disconnect Mating Tab

Width 6.35 mm [.25 in]

[View on TE.com >](#)

Terminals & Splices > Quick Disconnects



Terminal & Splice Type: **Receptacle**

Wire Size: **3.31 – 5.26 mm²**

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

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

Features

Product Type Features

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

Configuration Features

Connection Capacity	Single
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Body Features

Fully Insulated	No
Quick Disconnect Plating Material	Unplated

Contact Features

Terminal Type	Receptacle
Terminal & Splice Type	Receptacle



Quick Disconnect Terminal Orientation	Straight
Contact Base Material	Brass
Crimp Type	F-Crimp
Barrel Type	Open

Mechanical Attachment

Mating Retention Type	Dimple
Extraction Force	4.9 – 29.4 Newton
Wire Insulation Support	With

Dimensions

Accepts Wire Insulation Diameter Range	3.6 – 5 mm[.14 – .197 in]
Overall Length	22.8 mm[.89 in]
Receptacle Terminal Stock Thickness	.41 mm[.016 in]
Wire Size	3.31 – 5.26 mm²
Quick Disconnect Mating Tab Width	6.35 mm[.25 in]
Quick Disconnect Mating Tab Thickness	.81 mm[.032 in]

Usage Conditions

Insulation Requirement	Uninsulated
Operating Temperature Range	-40 – 110 °C[-40 – 230 °F]

Industry Standards

UL Rating	Listed
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Packaging Features

Packaging Quantity	3000
Quick Disconnect Packaging Method	Loose Piece/Carton

Other

Comment	Heavy Duty
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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	



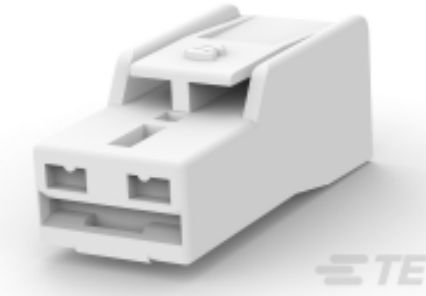
Current ECHA Candidate List: JAN 2021 (211)
Candidate List Declared Against: JAN 2021 (211)
Does not contain REACH SVHC

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

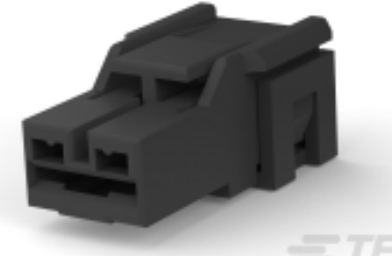
Product Compliance Disclaimer

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 # 172320-1
POSITIVE LOCK 250 (6.3 MM)
HOUSING



TE Part # 172863-2
POSITIVE LOCK (PL) .250 (6.3 MM)
HOUSING



TE Part # 172434-2
POSITIVE LOCK 250 (6.3 MM)
HOUSING



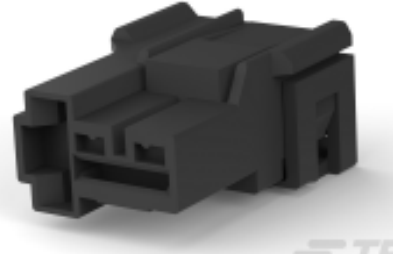
TE Part # 172320-2
POSITIVE LOCK 250 (6.3 MM)
HOUSING



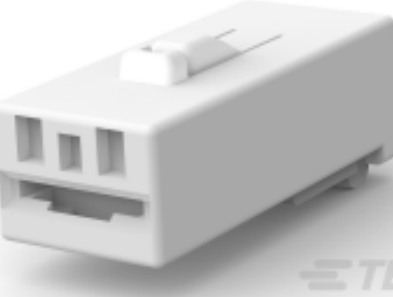
TE Part # 174090-2
PL .250 (6.3 MM) HOUSING



TE Part # 724659-2
EXT TOOL FOR POSITIVE .250

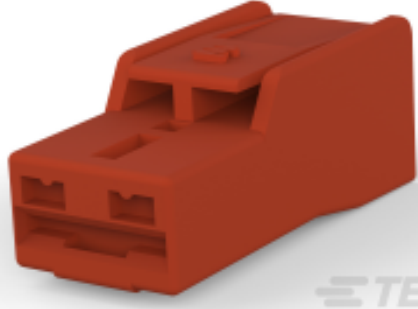


TE Part # 172864-2
250 HSG. REC. 6mm 2P BLACK

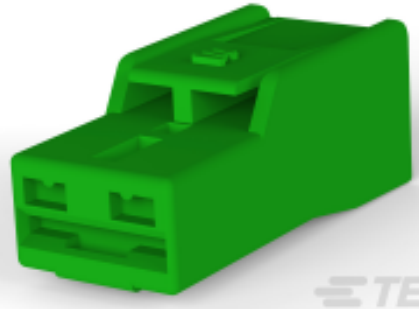


TE Part # 174090-1
1P POSITIVE LOCK HSG





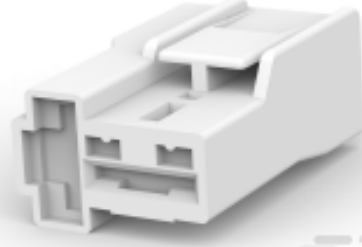
TE Part # 172320-3
POSITIVE LOCK 1P



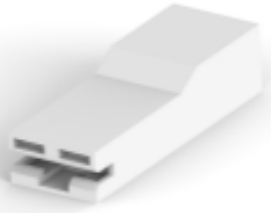
TE Part # 172320-4
POSITIVE LOCK 1P GREEN



TE Part # 172433-2
250 AUTOMOTIVE POSTIVE LOCK 2P



TE Part # 172434-1
POSITIVE LOCK 250 (6.3 MM)
HOUSING



TE Part # 9-172320-2
POSIT LOCK HSG 1P BLACK VO94



TE Part # 1599720-1
PL 250 RECEPTACLE 0.2/0.5 MM² BR



TE Part # 2-2150582-2
OCEAN_2.0_Applicator-E-150F250FA



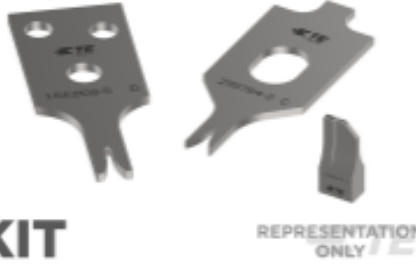
TE Part # 2150582-2
OCEAN_2.0_Applicator-E-150F250FA



TE Part # 2219341-1
250 TAB CONT FOR GLASS ANT



TE Part # 7-2150582-2
OCEAN_2.0_Applicator-E-150F250FA



TE Part # 7-2150582-7
OCEAN_2.0_SPARE_PART_KIT-
150F250F

Also in the Series | Positive Lock 250



Automotive Terminals(1)



Crimp Terminal Housings(203)



Insertion & Extraction Tools(3)



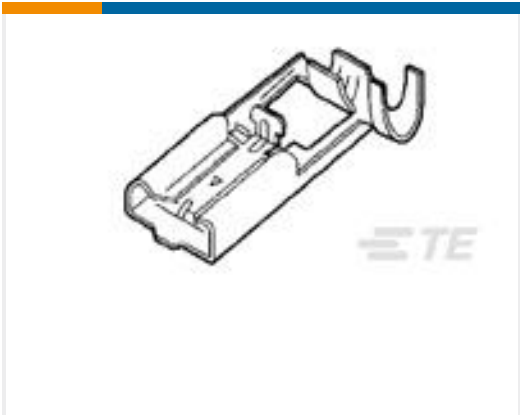
Insulation Boots & Sleeves(6)



Quick Disconnects(189)

Customers Also Bought





TE Part #900319-1
PL 312 FLAG REC 20-18AWG 0.32X24.
9 PTPBR



TE Part #1674919-1
TH/.025 CONNECTOR SYSTEM,
HOUSING



TE Part #1565963-1
MULTILOCK, RECEPTACLE AND TAB



TE Part #1612684-1
060/187 ABS 26POS COVER ASSY



TE Part #1473140-1
SQUIB 11DIA MK-2 LOCKING BUTTO



TE Part #1612121-1
SQUIB 2POS PLUG HSG



TE Part #1612122-1
SQUIB LOCKING BUTTON

Documents

Product Drawings

PL 250 AUTOMOTIVE REC 12-10 0.40 X 21 BR

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_170456-1_R.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_170456-1_R.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_170456-1_R.3d_stp.zip

English

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

Product Specifications

Crimping of Positive Lock Receptacle Contact

English

Application Specification

English

Crimping of 250 Series, Automotive Positive Lock Receptacle Contact

English

Application Specification

English



Product Environmental Compliance

Product Compliance

English

Product Compliance

English

Instruction Sheets

Instruction Sheet (non U.S.)

English

Instruction Sheet (non U.S.)

Japanese