170456-2 ✔ ACTIVE

Positive Lock | Positive Lock 250

TE Internal #: 170456-2

Quick Disconnect Receptacle, Uninsulated, 12 – 10 AWG, 3.31 – 5.26 mm² Wire, 6.35 mm [.25 in] Tab Width, F-Crimp, Straight, Brass, Positive Lock 250

View on TE.com >

Terminals & Splices > Quick Disconnects







Quick Disconnect Terminal Type: **Receptacle**

Wire Size: **3.31 – 5.26 mm²**

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

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

Features

Product Type Features

Insertion Force	Low

Configuration Features

Compatible With Wire & Cable Type	Discrete Wire
Connection Capacity	Single

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	Brass
Terminal Plating Material	Pre-Tin
Crimp Type	F-Crimp
Barrel Type	Open

Termination Features

Product Terminates To	Wire & Cable

Mechanical Attachment

Wire Insulation Support	With
Mating Retention Type	Dimple
Extraction Force	.5 – 3 kgf

Dimensions

Product Length	22.8 mm[.89 in]
Compatible Insulation Diameter Range	3.6 – 5 mm[.14 – .197 in]
Terminal Material Thickness	.41 mm[.016 in]
Wire Size	3.31 – 5.26 mm²

Usage Conditions

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

Industry Standards

Compatible With Agency/Standards Products	UL

Packaging Features

Packaging Quantity	3000
Packaging Method	Loose Piece/Carton

Product Compliance

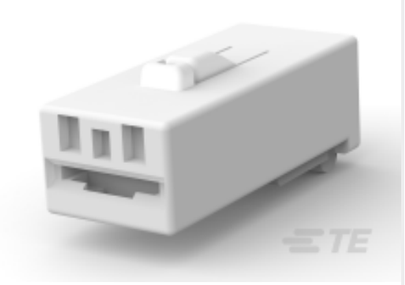
For compliance documentation, visit the product page on TE.com>

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 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 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 # 174090-1
1P POSITIVE LOCK HSG



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



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



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



TE Part # 2150582-2
OCEAN_2.0_Applicator-E-150F250F-REA



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



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



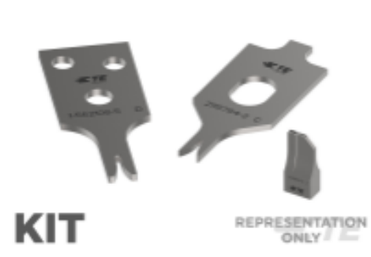
TE Part # 172434-2
POSITIVE LOCK 250 (6.3 MM) HOUSING



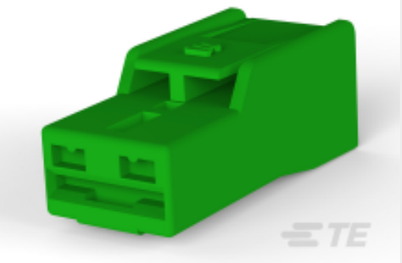
TE Part # 172863-2
POSITIVE LOCK (PL) .250 (6.3 MM)



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



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



TE Part # 172320-4
POSITIVE LOCK 1P GREEN



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



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

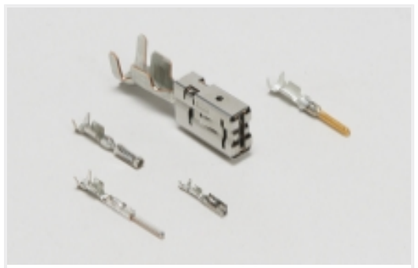


TE Part # 724659-2
EXT TOOL FOR POSITIVE .250

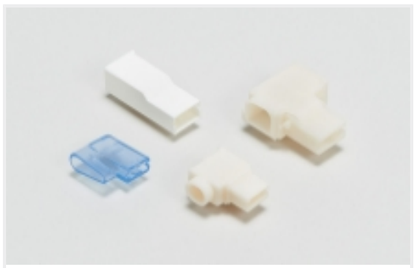


TE Part # 85070-2
250 P.LOCK REC

Also in the Series | Positive Lock 250



Automotive Terminals(1)



Crimp Terminal Housings(176)



Insertion & Extraction Tools(3)

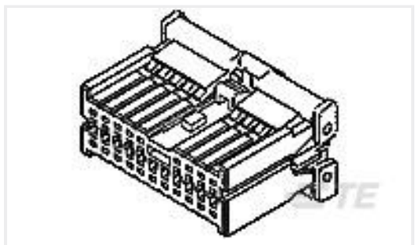


Insulation Boots & Sleeves(5)



Quick Disconnects(171)

Customers Also Bought



TE Part #1123371-1
040-3 MLC PLUG HSG ASSY 16P



TE Part #1456471-1
8p Hybrid 0.64/2.8 Unsealed Pl

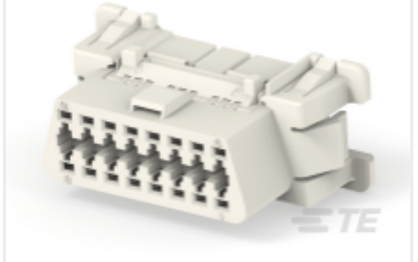


TE Part #2203260-4
Center contact, in-line male, FAKRA



TE Part #2203270-4
Center contact, in-line female, FAKRA

TE Part #2272530-8
MALE KIT, , 1P, FAKRA



TE Part #2301724-5
16POS,060 SERIES,REC HSG,UNSLD



TE Part #2307199-1
1POS,FAKRA AUT,PIN OUTER HSG, SLD,180 DEG



TE Part #1326947-1
JACK, ASSEMBLY, SNAP LOCK

TE Part #2272530-3
MALE KIT, , 1P, FAKRA

TE Part #1438731-2
CENTER CONTACT, FEMALE, SNAP-LOCK

Documents

Product Drawings

PL 250 AM REC 12-10 0.40 X 21 PRE-TPBR

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_170456-2_R.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_170456-2_R.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_170456-2_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 250 Series, Automotive Positive Lock Receptacle Contact

English

Application Specification

English

Instruction Sheets

Instruction Sheet (non U.S.)

English

Instruction Sheet (non U.S.)

Japanese