175023-1 ✔ ACTIVE

Positive Lock | Positive Lock 250

TE Internal #: 175023-1

Quick Disconnect Receptacle, Uninsulated, 18 – 14 AWG, .82 – 2.08 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: **.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

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	.7 – 10.2 kgf

Dimensions

Product Length	21.2 mm[.834 in]
Compatible Insulation Diameter Range	2.21 – 3.4 mm[.087 – .134 in]
Terminal Material Thickness	.41 mm[.016 in]
Wire Size	.82 – 2.08 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	1000
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 # 2376591-2
250 FASTON PCB TAB TPBR



TE Part # 175022-2
250 POSITIVE REC EX MK-2



TE Part # 234619-1
DAHT P L EX & EX II 18-14 ASSY



TE Part # 2232343-1
250 PL EX FLAG REC. 18-12AWG PTBR



TE Part # 2232343-2
250 PL EX FLAG REC. 18-12AWG PTBR FLAT



TE Part # 2376582-2
250 FASTON PCB TAB TPBR

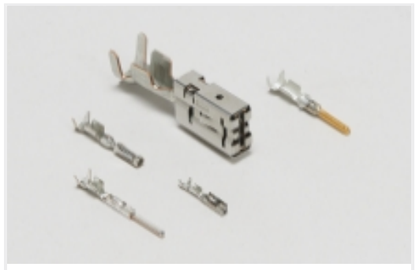


TE Part # 2376579-2
250 FASTON PCB TAB TPBR

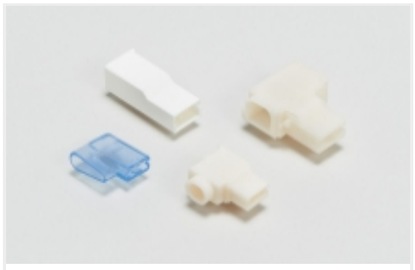


TE Part # 2376595-2
250 FASTON PCB TAB TPBR

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)

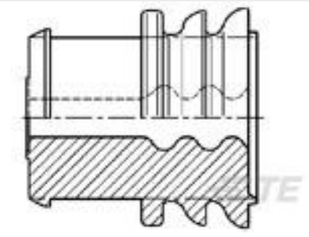
Customers Also Bought



TE Part #818034-SF
FN3287-100-35-C33-R65



TE Part #41829
250 FASTON REC 14-12 AWG TPBR



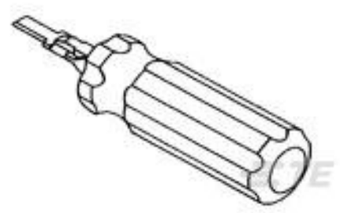
TE Part #100132-1
CAVITY PLUG



TE Part #172495-1
MIC MK-II PLUG HSG 7P NATURAL



TE Part #1-480276-0
06P CMNL CAP HSG P/M NATL



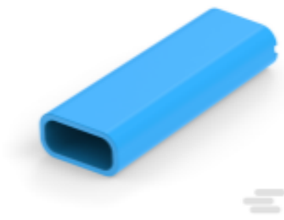
TE Part #937313-1
EXT-TOOL



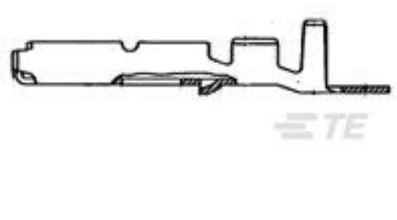
TE Part #1-964294-3
TAB A 2.8x0.8 CONTACT CS SRC Au



TE Part #1-2112041-1
26POS, MIXED,TAB HSG,ASSY, SEALED



TE Part #2391865-1
POSITIVE LOCK 250 (6.3 MM) SLEEVE



TE Part #172776-1
MIC MARK-2 REC CONTACT L.P

Documents

Product Drawings

PL 250 RECEPTACLE 18-14 AWG PTBR

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_175023-1_O.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_175023-1_O.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_175023-1_O.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

Product Specifications

Application Specification

English

Instruction Sheets

Instruction Sheet (non U.S.)

English

POSITIVE LOCK EX CONTACT

English