



Positive Lock | Positive Lock 250

TE Internal #: 175023-1

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

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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
Compatible With Wire & Cable Type	Discrete Wire

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

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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 mm²

Usage Conditions

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

Industry Standards

Compatible With Agency/Standards Products	UL
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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 2024 (241) 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 # 2232343-1 250 PL EX FLAG REC. 18-12AWG PTBR	 TE Part # 2376579-2 250 FASTON PCB TAB TPBR	 TE Part # 2376591-2 250 FASTON PCB TAB TPBR	 TE Part # 2376595-2 250 FASTON PCB TAB TPBR
 TE Part # 175022-2 250 POSITIVE REC EX MK-2	 TE Part # 2232343-2 250 PL EX FLAG REC. 18-12AWG PTBR FLAT	 TE Part # 2376582-2 250 FASTON PCB TAB TPBR	 TE Part # 234619-1 DAHT P L EX & EX II 18-14 ASSY

Also in the Series | Positive Lock 250

 Automotive Terminals(1)	 Crimp Terminal Housings(191)	 Insertion & Extraction Tools(3)	 Insulation Boots & Sleeves(4)
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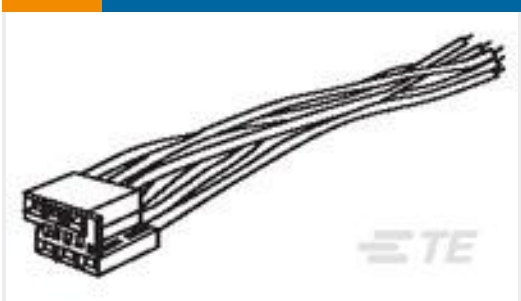


Quick Disconnects(185)

Customers Also Bought



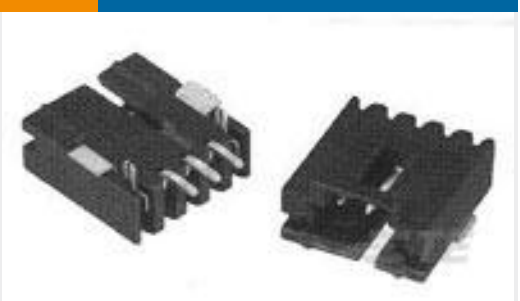
TE Part #4-1630019-7
HSC200 20R 5%



TE Part #1609139-1
MA100 PEM CONNECTOR=F6900



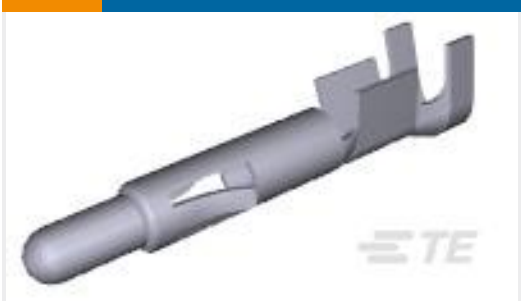
TE Part #170038-2
187 FASTON,REC.,20-16 AWG,TPBR



TE Part #147323-3
04 MTE HDR SRRA SMT.100CL



TE Part #60620-1
CMNL PIN 20-14 TPBR L/P



TE Part #350547-1
UMNL PIN 20-14 PTPBR L/P



TE Part #174355-7
070 ECONOSEAL MARK-2 P/CAP 2P



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



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



TE Part #284052-E
SRCA 2,54 3 M 1 SMD 137 E1 094 * GURT *

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