170233-2 ✔ ACTIVE

Positive Lock | Positive Lock 250

TE Internal #: 170233-2

Quick Disconnect Receptacle, Uninsulated, 20 – 14 AWG, .51 – 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: **.51 – 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	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

Dimensions

Product Length	22.1 mm[.87 in]
Compatible Insulation Diameter Range	2.1 – 3.4 mm[.082 – .134 in]
Terminal Material Thickness	.41 mm[.016 in]
Wire Size	.51 – 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	2000
Packaging Method	Strip/Reel

Product Compliance

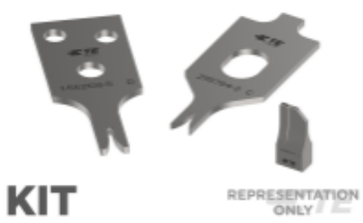
For compliance documentation, visit the product page on TE.com>

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: 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

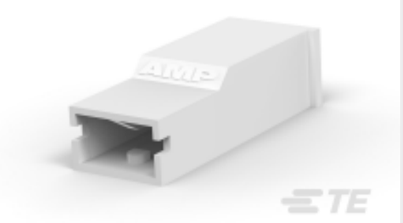
Product Compliance Disclaimer

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



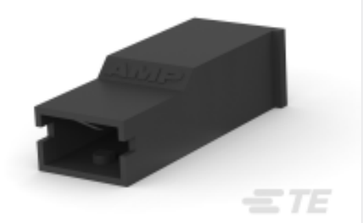
TE Part # 7-2836398-7
OCEAN_2.0_SPARE_PART_KIT-110F180F



TE Part # 171809-1
POSITIVE LOCK (PL) HOUSING

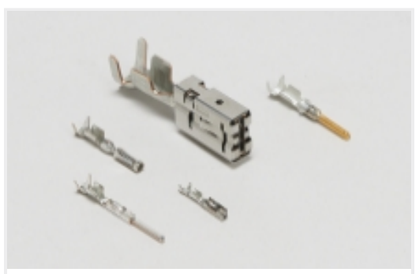


TE Part # 2836398-2
OCEAN_2.0_Applicator-S-110F180F-RSA

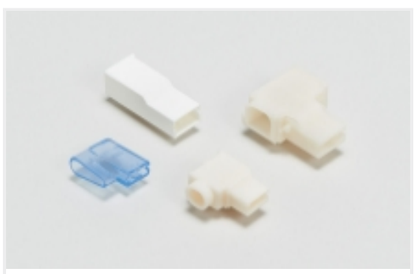


TE Part # 171809-2
POSITIVE LOCK (PL) HOUSING

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



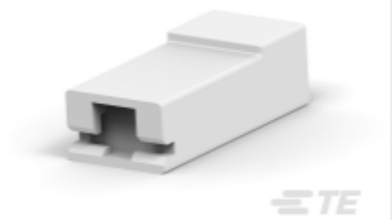
TE Part #61588-1
RING 22-16 AWG TPBR



TE Part #63688-1
250 FASTON REC 18-14 AWG NPST



TE Part #2-316132-2
DYNAMIC D-3200 HDR ASSY 5P V PdNi



TE Part #2-480416-4
250 FASTON HSG.,REC.,1 POS, NATRUAL



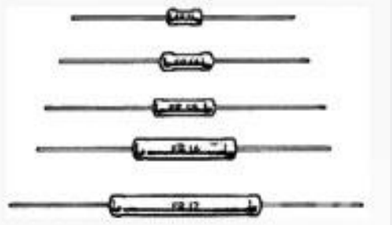
TE Part #626030-1
RING TONGUE 0.5 /1.5 MM2 BR



TE Part #9-1393243-2
RT425615



TE Part #2-1623732-5
BCHE 7 W 27R 5%



TE Part #2-1623746-1
ER74 27R 5% AMMO PK



TE Part #1-1971776-4
PTL 2X4 PLUG HSG STD TEMP KEY A NAT



TE Part #2232327-1
CLUSTER BLOCK HSG .090 DIA

Documents

Product Drawings

POSITIVE LOCK 250 REC 0.5-2.27 MM2 TPBR

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_170233-2_M.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_170233-2_M.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_170233-2_M.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