170265-1 ✔ ACTIVE

Positive Lock | Positive Lock 250

TE Internal #: 170265-1

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

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
Extraction Force	.7 – 10.2 kgf

Dimensions

Product Length	23 mm[.905 in]
Compatible Insulation Diameter Range	2.2 – 3.4 mm[.086 – .134 in]
Terminal Material Thickness	.6 mm[.023 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	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

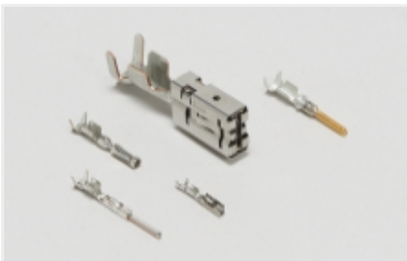
TE Part # 171809-2
POSITIVE LOCK (PL) HOUSING

TE Part # 784640-1
EXT TOOL FOR POS LOCK MKI

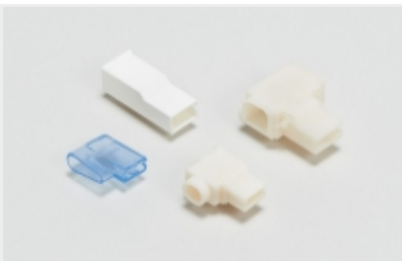
TE Part # 755342-1
DAHT POS LOCK REC CONT 20-14 ASSY

TE Part # 171809-1
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 #1423674-6
W54-XB1A4A10-10=CKTBKR,THERM,P

TE Part #7-1622796-1
YR1 0.1% 165K

TE Part #1676426-2
RN 0805 750R 0.1% 10PPM 1KRL

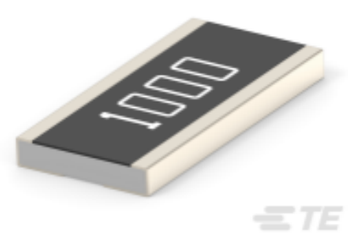
TE Part #5-1676913-3
YR1 0.1% 255R

TE Part #1676914-4
YR1 0.1% 357R

TE Part #1-1676915-1
YR1 0.1% 75K

TE Part #1743062-3
MT-II/JPT SLD 36P CAP HSG GRAY

TE Part #1879027-5
YR1 0.1% 54R9



TE Part #2-2176566-1
3430 A3 1% 6R2 200ppm 1k RL

TE Part #2329383-7
PB OFF/ON FC RED M2 TERM. IP68

Documents

Product Drawings

PL 250 REC 12-10 AWG 0.406 X 42.3 BR

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_170265-1_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_170265-1_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_170265-1_A.3d_stp.zip

English

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Product Specifications

Product Specification

English

1-Position, Positive Lock Connector

English