281828-2 ✔ ACTIVE

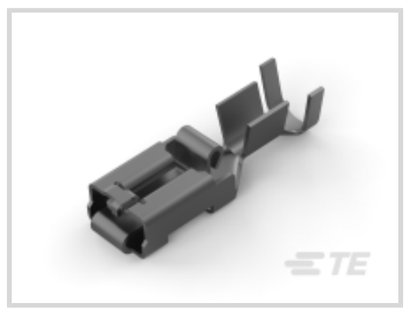
Positive Lock | Positive Lock 250

TE Internal #: 281828-2

Quick Disconnects, Receptacle, 14 – 11 AWG Wire Size, 2.5 – 4 mm² Wire Size, Mating Tab Width 6.35 mm [.25 in], Straight, Brass, Positive Lock 250

View on TE.com >

Terminals & Splices > Quick Disconnects







Quick Disconnect Terminal Type: **Receptacle**

Wire Size: **2.5 – 4 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

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	Tin
Crimp Type	F-Crimp
Barrel Type	Open

Termination Features

Product Terminates To	Wire & Cable

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	22.2 mm[.874 in]
Compatible Insulation Diameter Range	3.6 – 4.3 mm[.087 – .13 in]
Wire Size	2.5 – 4 mm²

Usage Conditions

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

Industry Standards

Agency/Standard	UL

Packaging Features

Packaging Quantity	1500
Packaging Method	Strip/Reel

Other

Terminals & Splices Comment	FLK-Wire: Normal Wire

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 2023 (235) Candidate List Declared Against: JAN 2023 (233) 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 # 2305570-1
Strip Terminal Cutter-Side Feed-No Crimp



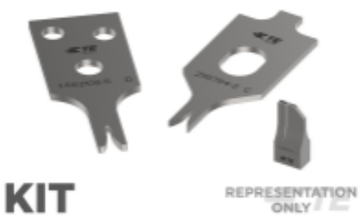
TE Part # 525651
DAHT POSITIVE LOCK 18-11 ASSY



TE Part # 2-2151603-2
OC-PA-S-FA-130F220F-001-0140



TE Part # 2151603-2
OC-AT-S-FA-130F220F-001-0140



TE Part # 7-2151603-7
OC-130F220F-CRIMPTOOLINGKIT

Also in the Series | Positive Lock 250



Automotive Terminals(1)



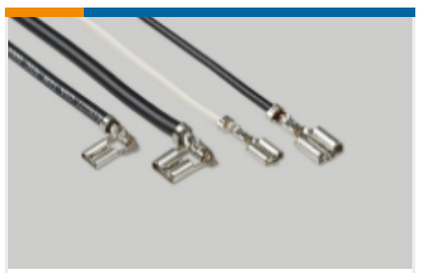
Crimp Terminal Housings(193)



Insertion & Extraction Tools(3)



Insulation Boots & Sleeves(4)



Quick Disconnects(186)

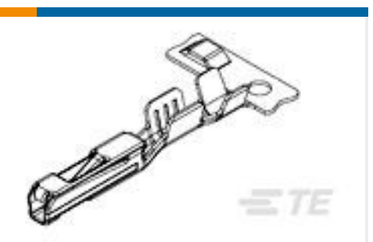
Customers Also Bought



TE Part #776204-2
MULTILOCK, CONNECTOR HOUSING



TE Part #1745005-1
MQS, CONNECTOR HOUSING



TE Part #1326028-2
0.64MM FEMALE CONTACT,AU, 22AWG



TE Part #2236046-8
32POS, MIXED, MALE CONN., CLIP2, COD B



TE Part #2236047-2
32POS,MIXED,RECEPTACLE CONNECTOR,COD B

TE Part #2098963-1
30 WAY SHIELD ASSEMBLY, KEY AD

Documents

Product Drawings

PL 2.5-4.0 MM2 TPBR

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_281828-2_H_c-281828-2-h.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_281828-2_H_c-281828-2-h.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_281828-2_H_c-281828-2-h.3d_stp.zip

English

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

Datasheets & Catalog Pages

1654742_HOUSEHOLD_APPLIANCES_RAST5

English

Product Specifications

Application Specification

English

Product Environmental Compliance

TE Material Declaration

English