



Positive Lock | Positive Lock 250

TE Internal #: 154718-7

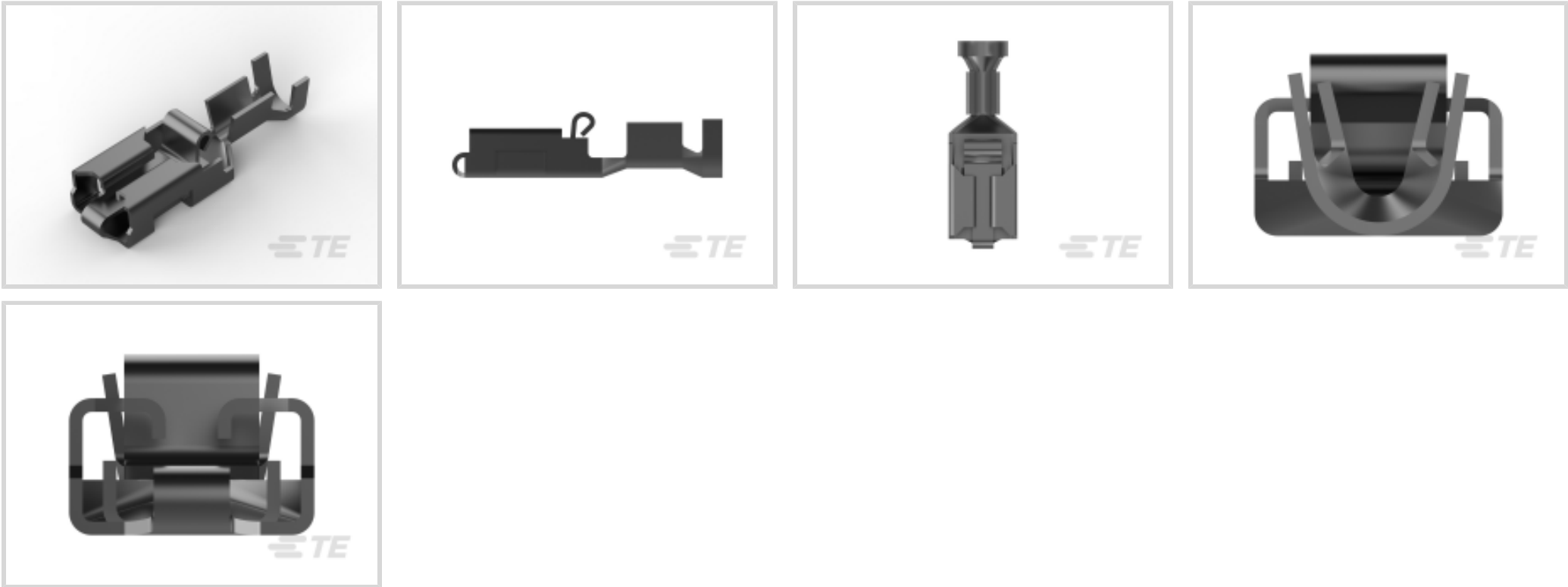
Positive Lock 250, Quick Disconnects, Receptacle, 18 – 14AWG

Wire Size, .82 – 2.08mm² Wire Size, Quick Disconnect Mating Tab

Width 6.35 mm [.25 in]

[View on TE.com >](#)

Terminals & Splices > Quick Disconnects



Terminal & Splice Type: **Receptacle**

Wire Size: **.82 – 2.08 mm²**

Quick Disconnect Mating Tab Width: **6.35 mm [.25 in]**

Quick Disconnect Mating Tab Thickness: **.81 mm [.032 in]**

Features

Product Type Features

Wire Stop	No
Wire/Cable Type	FLK
Terminates To	Wire & Cable
Quick Disconnect Insertion Force	Low
Sealable	No
Insulated	No

Configuration Features

Connection Capacity	Single
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Body Features

Fully Insulated	No
Quick Disconnect Plating Material	Pre-Tin

Contact Features

Terminal Type	Receptacle
Terminal & Splice Type	Receptacle



Quick Disconnect Terminal Orientation	Straight
Contact Base Material	Phosphor Bronze
Crimp Type	F-Crimp
Barrel Type	Open

Mechanical Attachment

Mating Retention Type	Dimple
Extraction Force	7 – 100 Newton
Wire Insulation Support	With

Dimensions

Accepts Wire Insulation Diameter Range	2.4 – 3.2 mm[.094 – .126 in]
Overall Length	22.5 mm[.886 in]
Receptacle Terminal Stock Thickness	.41 mm[.016 in]
Wire Size	.82 – 2.08 mm ²
Quick Disconnect Mating Tab Width	6.35 mm[.25 in]
Quick Disconnect Mating Tab Thickness	.81 mm[.032 in]

Usage Conditions

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

Industry Standards

UL Rating	Recognized
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Packaging Features

Packaging Quantity	1500
Quick Disconnect Packaging Method	Strip/Reel

Other

Comment	FLK-Wire: Normal Wire
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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: JAN 2021 (211)
Candidate List Declared Against: JAN 2021 (211)
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
TERMINAL CUTTER, SIDE FEED



TE Part # 525651
DAHT POSITIVE LOCK 18-11 ASSY



TE Part # 142685-5
L.I.F PL CONTACT 5MM 0.35-1 MM2 PTPPHBZ



TE Part # 2-2151137-2
OCEAN_2.0_APPLICATOR-S-110F155F



TE Part # 2151137-2
OCEAN_2.0_APPLICATOR-S-110F155F



TE Part # 7-2151137-2
OCEAN_2.0_APPLICATOR-S-110F155F



TE Part # 7-2151137-7
OCEAN_2.0_SPARE_PART_KIT-110F155F

Also in the Series | Positive Lock 250



Automotive Terminals(1)



Crimp Terminal Housings(203)



Insertion & Extraction Tools(3)



Insulation Boots & Sleeves(6)



Quick Disconnects(189)

Customers Also Bought



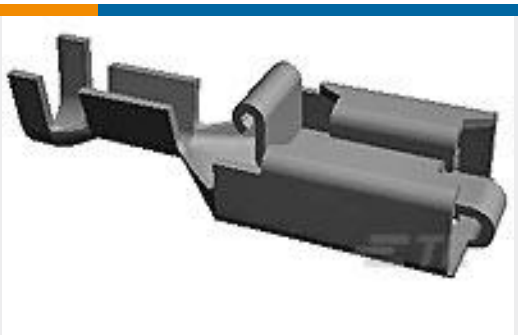
TE Part #166054-1
D-Sub Connector Contacts: Pin, Brass, Signal, Size 20



TE Part #1-1734261-5
AMP HPI 1.25MM HEADERS



TE Part #747521-2
HDP-20,OVRMLD RCPT SUBASSY,SIZ



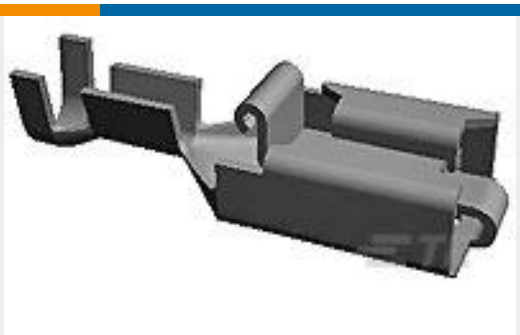
TE Part #154717-7
PL 250 REC TERMINAL 13-11 AWG PTPPB



TE Part #104500-2
20 MTE COUPLING SHROUD DR



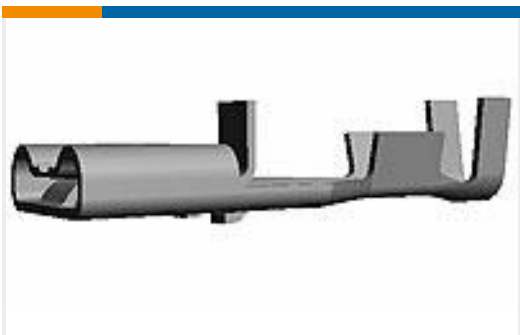
TE Part #1658687-1
D-Sub Crimp Recpt Signal 26 Posn, Socket Size 22, Shell Size 2



TE Part #160773-6
PL LOOSE PIECE REC 0.5-1.5 MM2 PTPBR



TE Part #1703062-1
CAP, 2 CIRCUIT , UNIVERSAL MATE-N-LOK



TE Part #170327-1
250 PL MKII REC. 22-18AWG PTBR



TE Part #1648295-1
702-0107-01108=SA CONTACT,SKT

Documents



Product Drawings

PL 250 REC TERMINAL 18-14 AWG PTPPB

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_154718-7_AS.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_154718-7_AS.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_154718-7_AS.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

Agency Approvals

UL

English