



Positive Lock | Mark III, Positive Lock 250

TE Internal #: 63933-2

Receptacle, 22 – 18 AWG Wire Size, .32 – .82 mm² Wire Size,
Mating Tab Width 6.35 mm [.25 in], Straight, Brass, Positive Lock
250, Quick Disconnects

[View on TE.com >](#)

Terminals & Splices > Quick Disconnects



Quick Disconnect Terminal Type: **Receptacle**

Wire Size: **.32 – .82 mm²**

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

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

Features

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

Dimensions

Wire Size	.32 – .82 mm ²
Product Length	19.58 mm[.771 in]
Compatible Insulation Diameter Range	1.52 – 2.8 mm[.06 – .11 in]
Terminal Material Thickness	.41 mm[.016 in]

Packaging Features

Packaging Method	Strip/Reel
------------------	------------



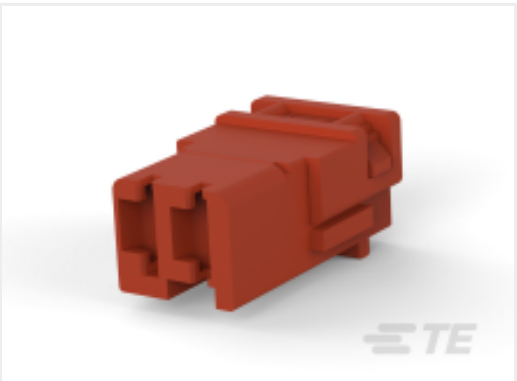
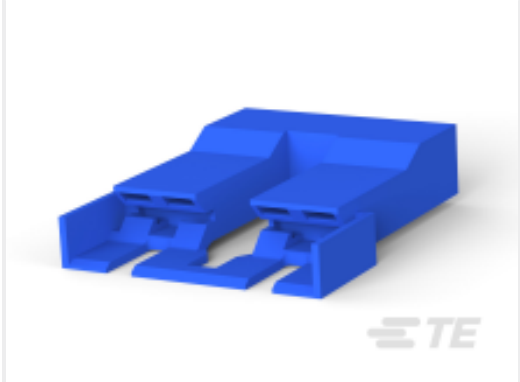
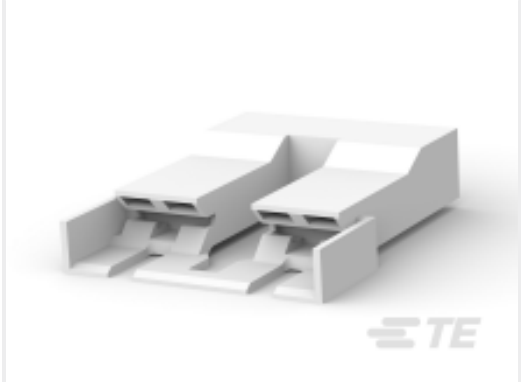
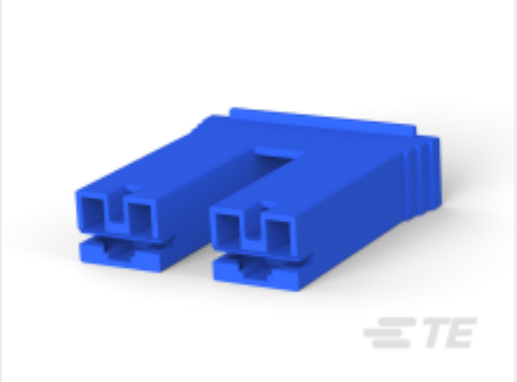
Packaging Quantity	12000
Product Type Features	
Insertion Force	Low
Usage Conditions	
Insulation Option	Uninsulated
Operating Temperature Range	-40 – 110 °C[-40 – 230 °F]
Other	
EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant
Configuration Features	
Compatible With Wire & Cable Type	Discrete Wire
Connection Capacity	Single
Termination Features	
Product Terminates To	Wire & Cable
Mechanical Attachment	
Wire Insulation Support	With
Mating Retention Type	Dimple
Industry Standards	
Compatible With Agency/Standards Products	UL
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: JUNE 2024 (241) 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 # 521780-1 250 HSG. PL MKIII REC. 7.11mm 5P NAT	 TE Part # 521955-1 PL MKIII 250 REC HSG 2P NYLON NAT	 TE Part # 521781-1 250 HSG. PL MKIII REC. 6.81mm 4P NAT	 TE Part # 142680-1 PL MK III 2 POS HOUSING BROEN RAL 8016
 TE Part # 1-520935-2 PL 250 HOUSING REC RED 6/6 NYLON V2	 TE Part # 1-520935-1 250 HSG. PL MKII REC. 15.11mm 2P NAT	 TE Part # 521766-1 250 HSG. PL MKIII REC. 10mm 2P NAT	 TE Part # 1-521253-2 FASTON PL 250 HOUSING REC RED NYLON 66/6
 TE Part # 1-521253-7 FASTON PL 250 HSG REC BLUE NYLON 66/6	 TE Part # 521253-1 PL 250 HOUSING RECEPTACLE NYLON 6/6	 TE Part # 521120-1 PL 250 HOUSING RECEPTACLE NYLON 6/6	 TE Part # 520935-5 PL&STANDARD FASTON 250 HOUSING REC BLUE



TE Part # 520935-1
PLMKII&FASTON 250 REC HSG 2P
NAT

TE Part # 142680-9
PL 187 REC HSG 2P NYLON WHITE

TE Part # 520935-3
PL&STANDARD FASTON 250
HOUSING REC BLA

TE Part # 1-520935-5
PL 250 HOUSING REC BLUE 6/6
NYLON V2

TE Part # 520935-7
PLMKII&FASTON 250 REC HSG 2P
BROWN

TE Part # 520935-6
PL&STANDARD FASTON 250 HSG
REC YELLOW

TE Part # 520935-4
PL&STANDARD FASTON 250 HSG
REC GREEN

TE Part # 521119-1
PL 250 HOUSING RECEPTACLE
NYLON 6/6

Also in the Series | Mark III

Crimp Terminal Housings(30)

Quick Disconnects(15)

Also in the Series | Positive Lock 250

Automotive Terminals(1)

Crimp Terminal Housings(190)

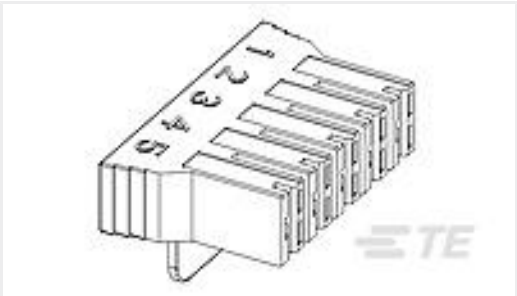
Insertion & Extraction Tools(3)

Insulation Boots & Sleeves(4)



Quick Disconnects(185)

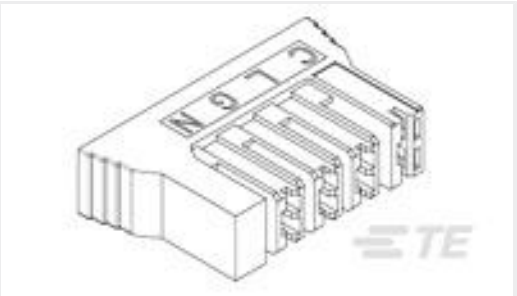
Customers Also Bought



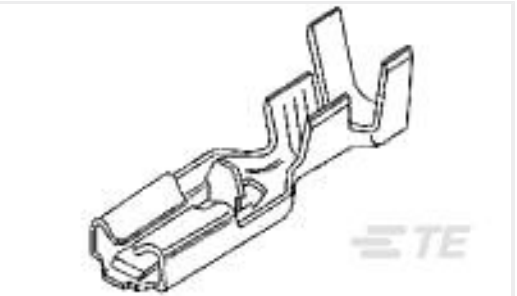
TE Part #521780-1
250 HSG. PL MKIII REC. 7.11mm 5P NAT



TE Part #1-1969443-4
EP 2.5 TPA Retainer, 14 Pos



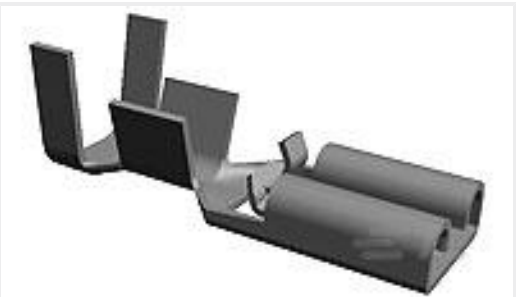
TE Part #521781-1
250 HSG. PL MKIII REC. 6.81mm 4P NAT



TE Part #63119-1
POSITIVE LOCK 250 REC 22-18 AWG TPBR



TE Part #63854-2
250 PL MKIII REC. 18-14AWG TPBR



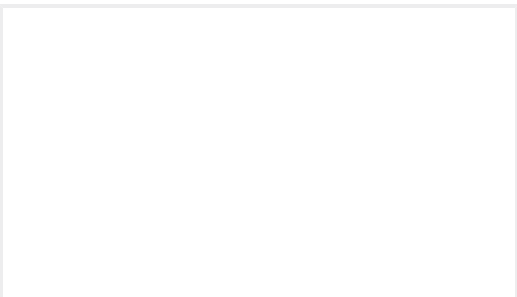
TE Part #1217113-2
187 PL MKIII REC. 22-18AWG TPBR



TE Part #4-1241961-7
STD TIM MK2 HSG 3P



TE Part #521955-2
PL MKIII 250 REC HSG 2P



TE Part #1-176282-5
AMP UNIVERSAL POWER CAP 2P GREEN

Documents

Product Drawings

250 PL MKIII REC. 22-18AWG TPBR

English

CAD Files

Customer View Model

ENG_CVM_CVM_63933-2_K.2d_dxf.zip

English

3D PDF



3D

Customer View Model

[ENG_CVM_CVM_63933-2_K.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_63933-2_K.3d_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

Positive Lock Receptacles

English

[1654742_HOUSEHOLD_APPLIANCES_RAST5](#)

English

Product Specifications

Application Specification

English

Agency Approvals

UL Report

English