



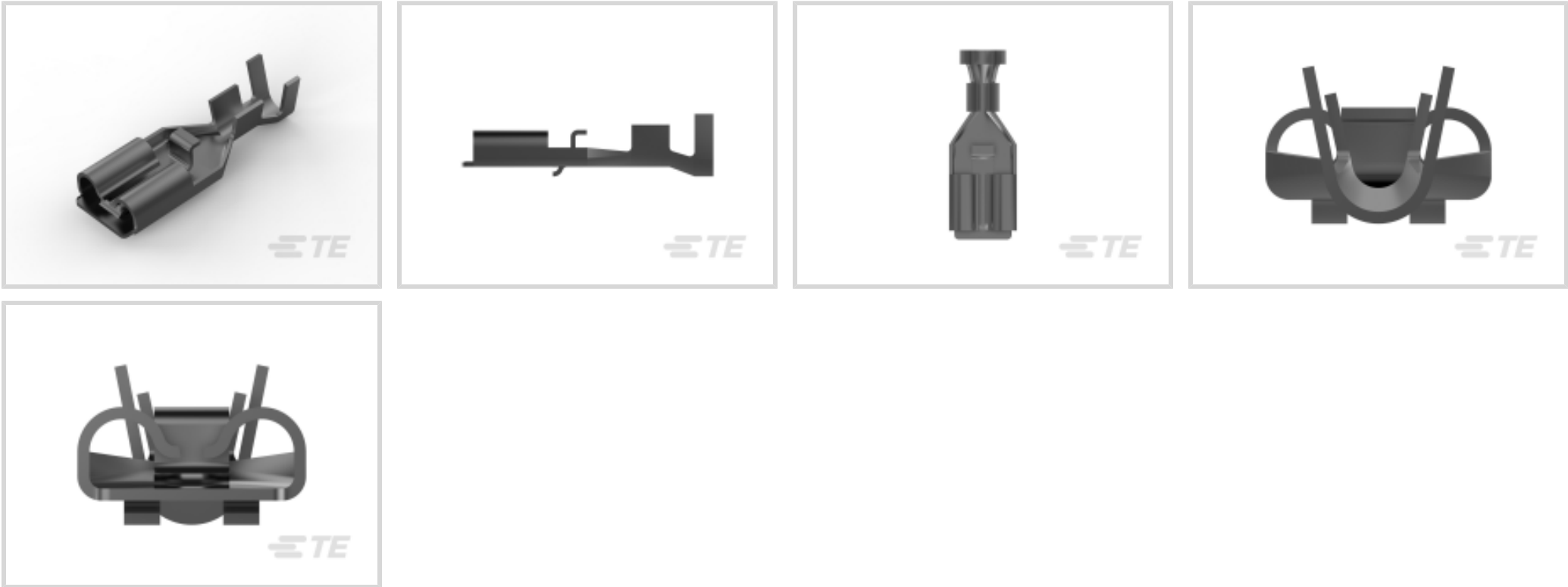
Positive Lock | Positive Lock 250

TE Internal #: 179974-1

Receptacle, 18 – 14 AWG Wire Size, .82 – 2.08 mm² Wire Size,
Mating Tab Width 6.35 mm [.25 in], Straight, Brass, Positive Lock
250, Quick Disconnects

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Terminals & Splices > Quick Disconnects



Quick Disconnect Terminal Type: **Receptacle**

Wire Size: **.82 – 2.08 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	Pre-Tin
Crimp Type	F-Crimp
Barrel Type	Open

Dimensions

Wire Size	.82 – 2.08 mm²
Product Length	21.2 mm[.834 in]
Compatible Insulation Diameter Range	2.21 – 3.4 mm[.087 – .134 in]
Terminal Material Thickness	.41 mm[.016 in]

Packaging Features

Packaging Method	Strip/Reel
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Packaging Quantity	4500
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
Extraction Force	.6 – 3 kgf
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



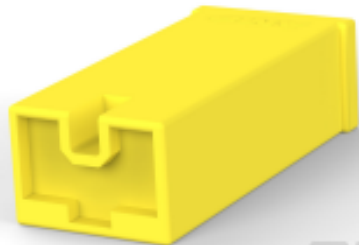
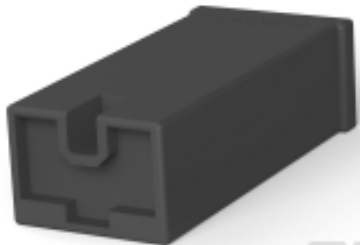
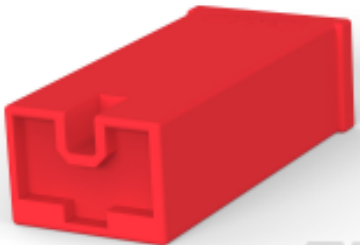
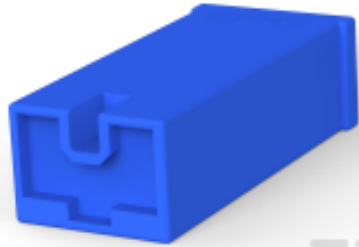
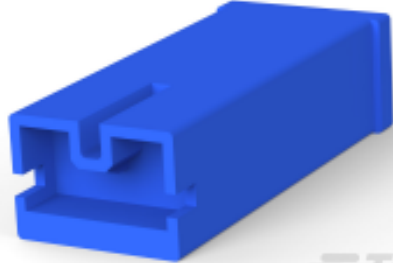
Solder Process Capability

Not applicable for solder process capability

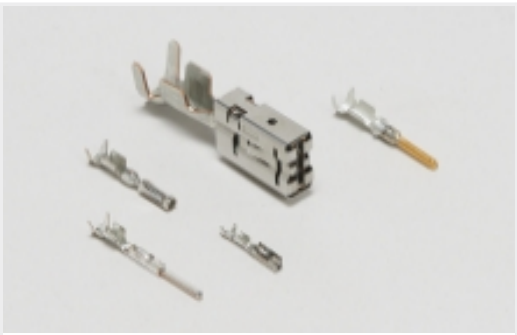
Product Compliance Disclaimer

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>

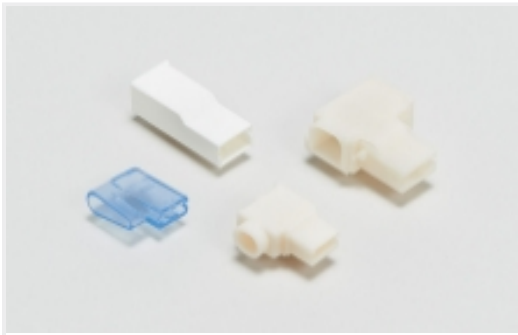
Compatible Parts

 TE Part # 179970-4 PL EXII 250 REC HSG 1P NYLON YELLOW	 TE Part # 179970-1 250 HSG. PL EX REC.	 TE Part # 179970-9 PL EXII 250 REC HSG 1P NYLON BLACK	 TE Part # 179970-2 PL EXII 250 REC HSG 1P NYLON RED
 TE Part # 179970-6 PL EXII 250 REC HSG 1P NYLON BLUE	 TE Part # 1318954-1 250 HSG. PL EX REC. NAT	 TE Part # 1939581-1 250 HSG. PL EX REC. 15mm 2P NAT	 TE Part # 1-1318954-1 PL EXII 250 REC HSG 1P NYLON NAT
 TE Part # 1-1318954-6 PL EXII 250 REC HSG 1P NYLON BLUE	 TE Part # 2150057-2 OCEAN_2.0_APPLICATOR-E-110F180F-REA	 TE Part # 7-2150057-7 OCEAN_2.0_SPARE_PART_KIT-110F180F	 TE Part # 3-179970-1 PL EXII 250 REC HSG 1P NYLON NAT WITH

Also in the Series | Positive Lock 250



Automotive Terminals(1)



Crimp Terminal Housings(190)



Insertion & Extraction Tools(3)

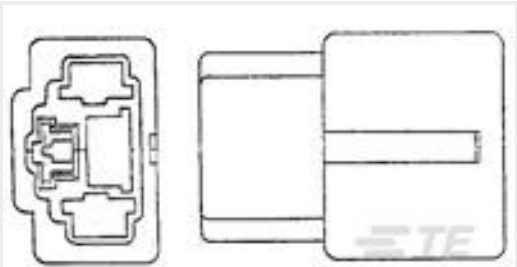


Insulation Boots & Sleeves(4)



Quick Disconnects(185)

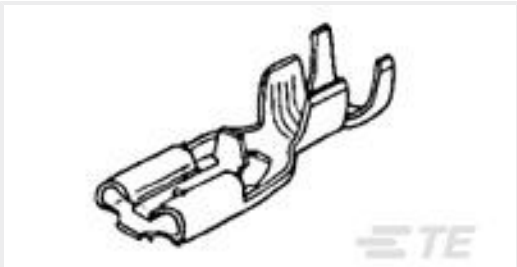
Customers Also Bought



TE Part #176773-5
FF 250 CAP HSG 3P NYLON NAT



TE Part #179973-1
250 PL EX REC. 22-18AWG PTBR



TE Part #170326-1
187 PL MKII REC. 18-14AWG PTBR



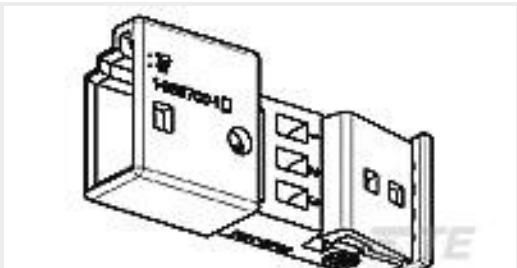
TE Part #41802
250 FASTON FLAG REC 18-12 AWG TPBR



TE Part #1376476-1
2.5 SIGNAL MATE REC CONTACT



TE Part #2232902-1
AMP POWER DBL LOCK REC (S)



TE Part #3-968700-1
3POS,MQS PIN 0.63X0.63,PIN HSG



TE Part #5-179463-1
POWER DBL LOCK CAP HSG F/H 2P (GWT)

Documents

Product Drawings

250 PL EX REC. 18-14AWG PTBR

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_179974-1_J1.2d_dxf.zip



English

Customer View Model

[ENG_CVM_CVM_179974-1_J1.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_179974-1_J1.3d_stp.zip](#)

English

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

Product Specifications

[Application Specification](#)

English

Instruction Sheets

[POSITIVE LOCK EX-II CONNECTORS, INSTRUCTION SHEET](#)

Japanese

[Instruction Sheet \(non U.S.\)](#)

English

Agency Approvals

[UL Report](#)

English