



Positive Lock | Positive Lock 250

TE Internal #: 172763-1

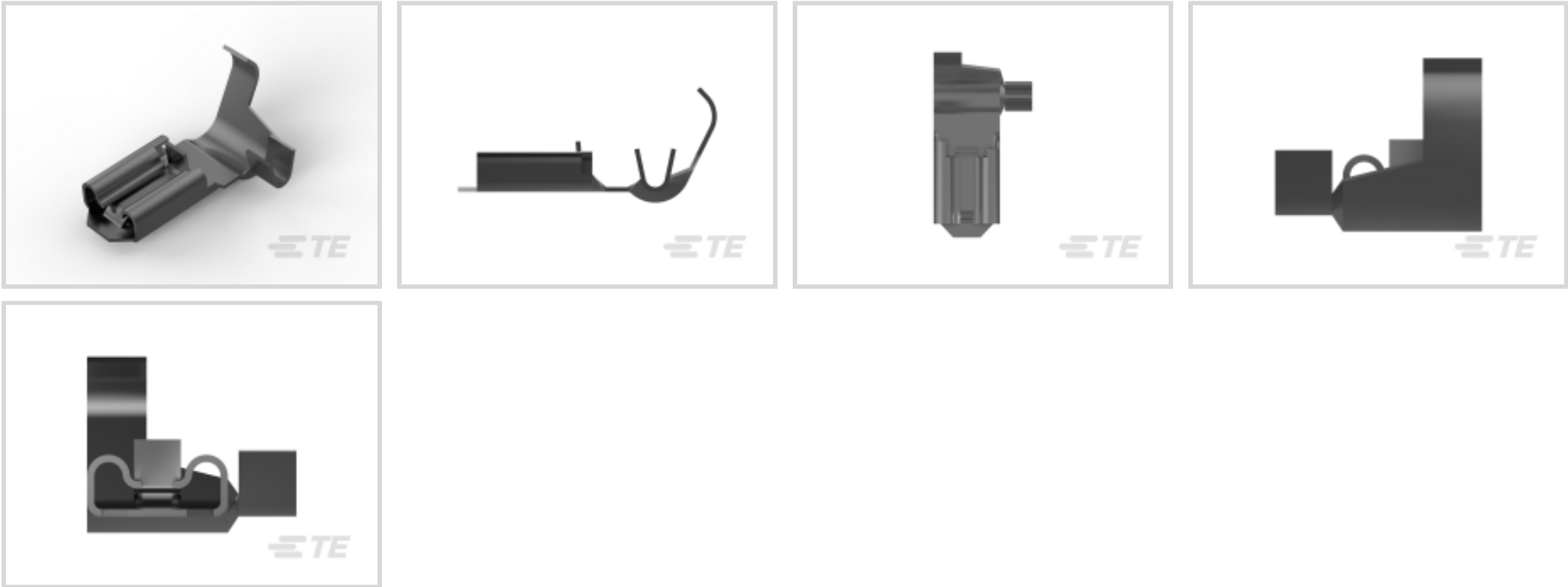
Positive Lock 250, Quick Disconnects, Receptacle, 18 – 14AWG

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	Regular Wire
Terminates To	Wire & Cable
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	Flag



Contact Base Material	Brass
Crimp Type	F-Crimp
Barrel Type	Open

Mechanical Attachment

Wire Insulation Support	With
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Dimensions

Accepts Wire Insulation Diameter Range	2.8 – 5.2 mm[.11 – .208 in]
Overall Length	21.6 mm[.85 in]
Receptacle Terminal Stock Thickness	.41 mm[.016 in]
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]

Usage Conditions

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

Packaging Features

Packaging Quantity	2000
Quick Disconnect Packaging Method	Strip/Reel

Product Compliance

For compliance documentation, visit the product page on TE.com>

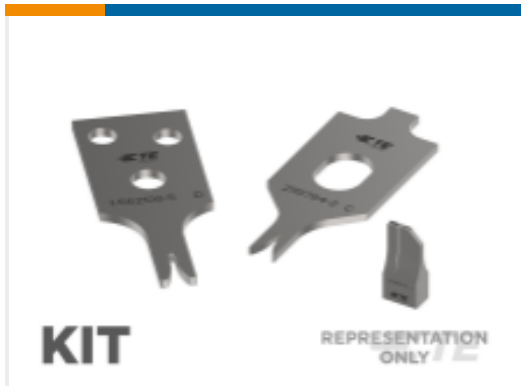
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2021 (211) Candidate List Declared Against: JAN 2021 (211) Does not 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 # 172469-1 POSITIVE LOCK 250 (6.3 MM) HOUSING	 TE Part # 1-172469-2 PL 250 (6.3 MM) HOUSING BLUE 6/6 NYLON	 TE Part # 1-172469-1 PL 250 HOUSING NATURAL 6/6 NYLON	 TE Part # 172469-8 PL MKII 250 REC HSG 1P NYLON BLCak FLAG
 TE Part # 1855184-1 HDM w/FA EAPR110F170O LM & G	 TE Part # 1855184-2 HDM w/FA EAPR110F170O K	 TE Part # 2-2150856-2 OCEAN_2.0_Applicator-E-110F173O	 TE Part # 2150856-2 OCEAN_2.0_Applicator-E-110F173O
 TE Part # 7-2150856-2 OCEAN_2.0_Applicator-E-110F173O	 KIT REPRESENTATION ONLY TE Part # 7-2150856-7 OCEAN_2.0_SPARE_PART_KIT- 110F173O		

Also in the Series | Positive Lock 250



Automotive Terminals(1)



Crimp Terminal Housings(203)



Insertion & Extraction Tools(3)

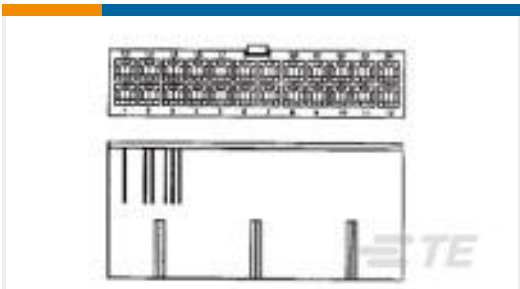


Insulation Boots & Sleeves(6)

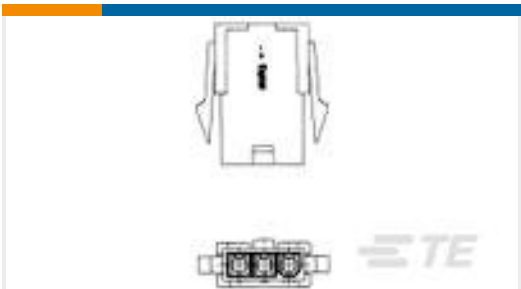


Quick Disconnects(189)

Customers Also Bought



TE Part #1586862-6
6P FH PLUG VAL-U-LOK FH GW



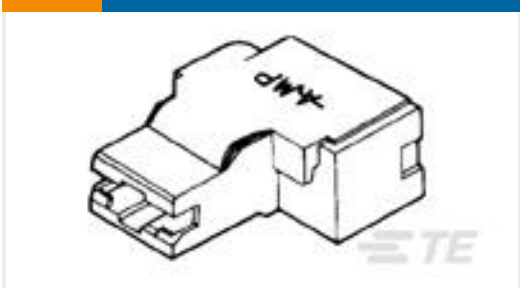
TE Part #1586023-5
5P S/R PM PLUG VAL-U-LOK V0



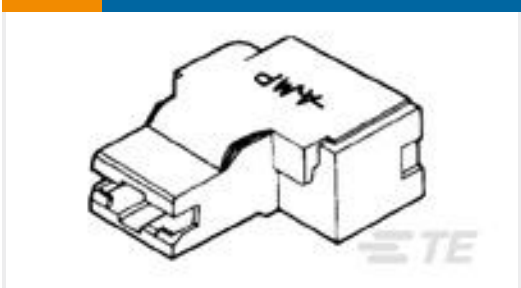
TE Part #967637-1
TIMER, CONNECTOR HOUSING



TE Part #1-1355132-2
SHIELD, 94POSN., RECEPTACLE HO



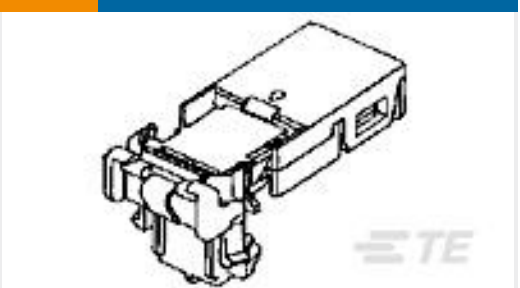
TE Part #1-172469-2
PL 250 (6.3 MM) HOUSING BLUE 6/6 NYLON



TE Part #1-172469-1
PL 250 HOUSING NATURAL 6/6 NYLON



TE Part #1563200-1
COVER,90,53 WAY PCM CONN



TE Part #1612120-3
11DIA SQUIB SLIM MK-2 PLUG HSG



TE Part #1670108-1
BLIND PLUG FEMALE 1.5



TE Part #1-511109-2
V-STRIPPING BLADES R1.0

Documents



Product Drawings

250 PL MKII FLAG REC. 18-14AWG PTBR

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_172763-1_H.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_172763-1_H.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_172763-1_H.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

POS_LOCK_MII_ORG

English

Product Specifications

1-Pos.'250' Flag, Positive Lock Connector

Japanese

Application Specification

Japanese

Product Environmental Compliance

MD_172763-1_11122018845_dmtec

English

MD_172763-1_11122018845_dmtec

English