



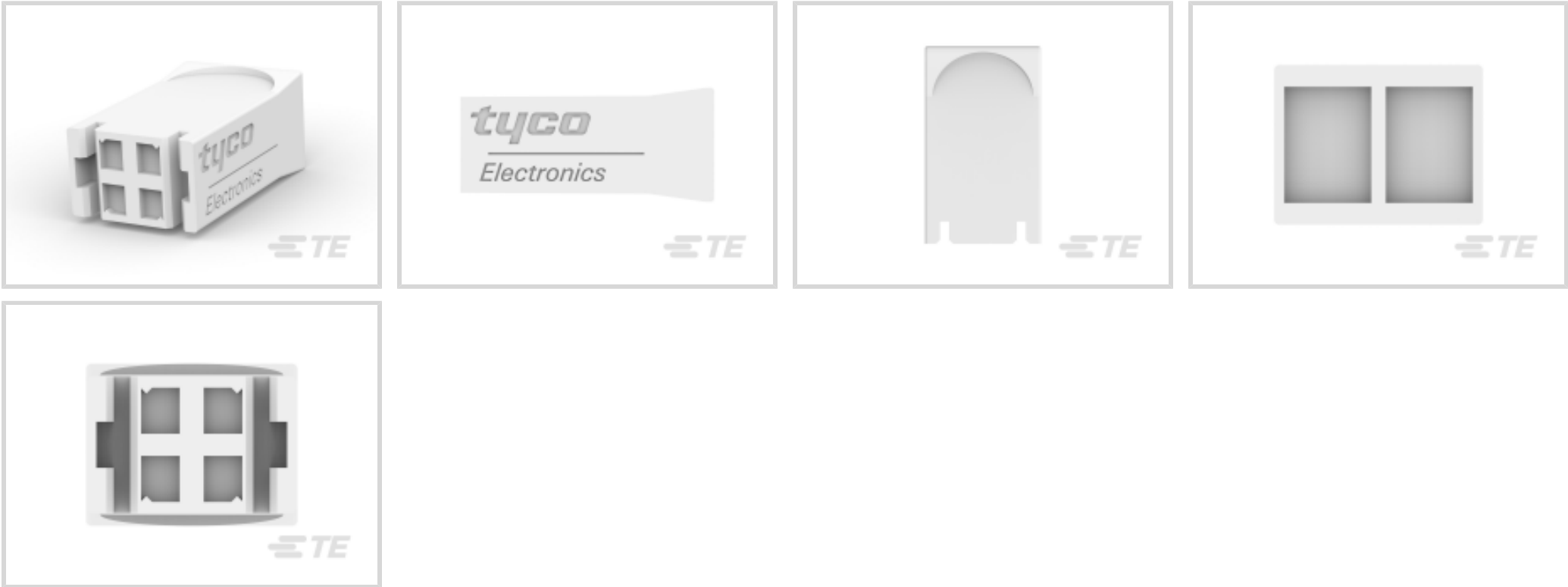
Positive Lock | Mark III, Positive Lock 250

TE Internal #: 521766-1

Receptacle, Receptacle, 2 Position, Straight, UL 94V-0, Natural,
Nylon, Contact Mating Retention, Positive Lock 250, Crimp
Terminal Housings

[View on TE.com >](#)

Terminals & Splices > Terminal Housings, Insulation Sleeves & Blocks > Crimp Terminal Housings



Terminal Type: **Receptacle**
Connector & Housing Type: **Receptacle**
Number of Positions: **2**
Terminal Orientation: **Straight**
UL Flammability Rating: **UL 94V-0**

Features

Product Type Features

Sealable	No
Connector System	Wire-to-Board, Wire-to-Wire
Connector & Contact Terminates To	Wire & Cable
Connector & Housing Type	Receptacle

Configuration Features

Number of Positions	2
---------------------	---

Body Features

Primary Product Color	Natural
-----------------------	---------

Contact Features

Terminal Type	Receptacle
Terminal Orientation	Straight
Contact Mating Retention	With

Mechanical Attachment

--



Mating Alignment Type	Polarization
Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Housing Material	Nylon
Centerline (Pitch)	10 mm[.394 in]

Usage Conditions

Operating Temperature Range	-40 – 105 °C[-40 – 221 °F]
-----------------------------	----------------------------

Industry Standards

UL Flammability Rating	UL 94V-0
------------------------	----------

Packaging Features

Packaging Quantity	1
Packaging Method	Carton

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

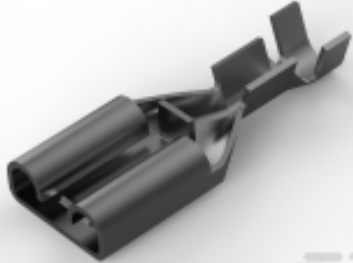
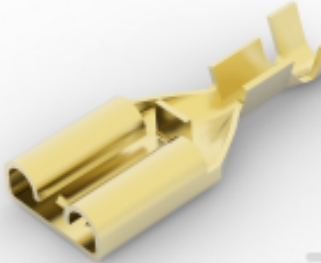
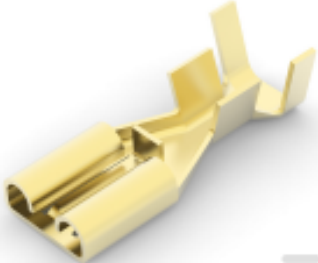
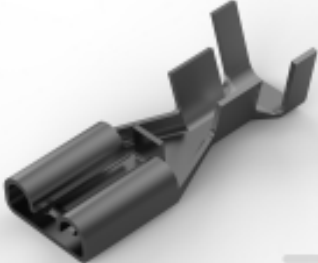
Product Compliance Disclaimer

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

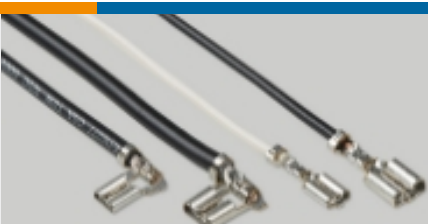


requirements for substances in articles’ posted at this URL: <https://echa.europa.eu/guidance-documents/guidance-on-reach>

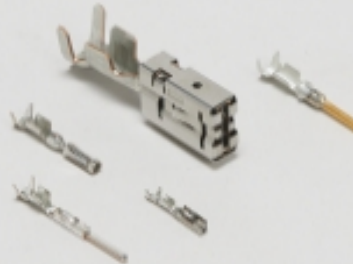
Compatible Parts

 TE Part # 63933-2 250 PL MKIII REC. 22-18AWG TPBR	 TE Part # 63854-1 250 PL MKIII REC. 18-14AWG BR	 TE Part # 63854-2 250 PL MKIII REC. 18-14AWG TPBR	 TE Part # 63933-1 PL .250 TERMINAL REC 22-18 AWG BR
 TE Part # 1217092-1 PL 250 TERMINAL RECEPTACLE 16-12 AWG BR	 TE Part # 1217092-2 PL 250 TERMINAL REC 16-12 AWG TPBR		

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 #2069250-1
MINI I/O PLUG KIT LOCK EXTEND
VER.

TE Part #150346-2
110 MINI FASTON,REC.,24-20 AWG,
TPBR

TE Part #1969443-6
EP 2.5 TPA Retainer, 6 Pos

TE Part #1-1969442-4
EP 2.5 TPA Housing, 14 Pos

TE Part #1217094-2
RCPT 250 POS-LOCK 18-14 TPBR

TE Part #1-520935-1
250 HSG. PL MKII REC. 15.11mm 2P
NAT

TE Part #964203-1
STD PW TIMER CONTACT

TE Part #CM9614-000
SBP100143WE5

TE Part #1-172075-1
3 POS PL 187(4.8 MM) HOUSING
NATURAL

Documents

Product Drawings

250 HSG. PL MKIII REC. 10mm 2P NAT

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_521766-1_D.2d_dxf.zip



English

Customer View Model

[ENG_CVM_CVM_521766-1_D.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_521766-1_D.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages

[FASTON Housings](#)

English

[Positive Lock Receptacles](#)

English

Product Specifications

[Application Specification](#)

English

Agency Approvals

[UL Report](#)

English