



Positive Lock | Mark III, Positive Lock 187

TE Internal #: 1217097-2

Receptacle, 22 – 18 AWG Wire Size, .1 – .82 mm² Wire Size, Mating
Tab Width 4.75 mm [.187 in], Straight, Brass, Positive Lock 187,
Quick Disconnects

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Terminals & Splices > Quick Disconnects



Quick Disconnect Terminal Type: **Receptacle**

Wire Size: .1 – .82 mm²

Mating Tab Width: **4.75 mm** [.187 in]

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

Features

Contact Features

Quick Disconnect Terminal Type	Receptacle
Mating Tab Width	4.75 mm[.187 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	.1 – .82 mm²
Product Length	17.02 mm[.67 in]
Compatible Insulation Diameter Range	2.29 – 3.3 mm[.09 – .13 in]
Terminal Material Thickness	.36 mm[.014 in]

Packaging Features

Packaging Method	Strip/Reel
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Packaging Quantity	15000
Product Type Features	
Insertion Force	Normal
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>

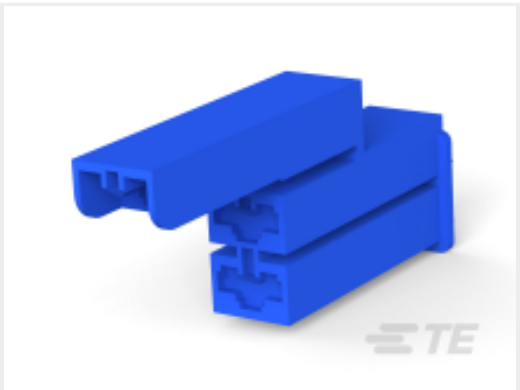
Compatible Parts



TE Part # 175578-1
PL 187 HOUSING RECEPTACLE



TE Part # 521198-1
HSG.REC.POS-LOK.187 NAT.



TE Part # 1-172075-6
187 POSITIVE MK-2 REC HSG 3P



TE Part # 190679-2
POSILOK T'P



TE Part # 2150432-2
OCEAN_2.0_Applicator-E-080F155F-REA



TE Part # 2825431-1
187 SERIES POSITIVE LOCK (MARK-II) REC

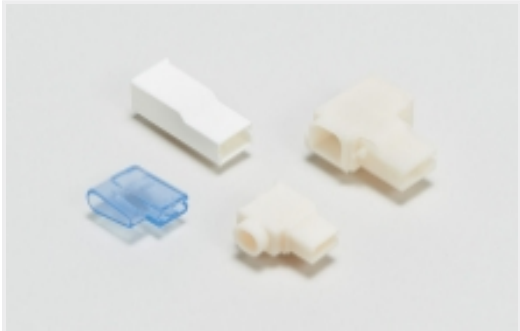


TE Part # 7-2150432-7
OCEAN_2.0_SPARE_PART_KIT-080F155F



TE Part # 936663-1
PL 187 REC 20-16 AWG 0.3 X 14.0 PTPBR

Also in the Series | Mark III



Crimp Terminal Housings(30)



Quick Disconnects(15)

Also in the Series | Positive Lock 187



Crimp Terminal Housings(86)



Insertion & Extraction Tools(2)



Insulation Boots & Sleeves(7)



Quick Disconnects(57)

Customers Also Bought



TE Part #1-480350-0
01P CMNL CAP HSG F/H NATL



TE Part #7-1452653-3
MCON Receptacle and Tab



TE Part #2-2287720-1
Pico MQS Terminals



TE Part #927157-1
4P MT-EDGE GEH



TE Part #2208304-2
8POS,MQS,REC HSG,WITH SB,ASSY



TE Part #1-1355524-3
MQS ABDECKKAPPE 12P



TE Part #926770-1
MT.EDGE CRIMP CONT.

Documents

Product Drawings

PL 187 TERMINAL REC 22-18 AWG TPBR

English

CAD Files

Customer View Model

ENG_CVM_CVM_1217097-2_L.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1217097-2_L.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1217097-2_L.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

Product Specifications

Application Specification

English

Agency Approvals

UL Report

English