1217580-1 ✔ ACTIVE

Positive Lock | Mark II, Positive Lock 187

TE Internal #: 1217580-1

Quick Disconnect Receptacle, Uninsulated, 20 – 16 AWG, .51 – 1.31 mm² Wire, 4.75 mm [.187 in] Tab Width, F-Crimp, Straight, Brass, Positive Lock 187

View on TE.com >

Terminals & Splices > Quick Disconnects

Quick Disconnect Terminal Type: **Receptacle**

Wire Size: **.51 – 1.31 mm²**

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

Mating Tab Thickness: **.64 mm [.025 in]**

Features

Product Type Features

Insertion Force	Low

Configuration Features

Compatible With Wire & Cable Type	Discrete Wire
Connection Capacity	Single

Contact Features

Quick Disconnect Terminal Type	Receptacle
Mating Tab Width	4.75 mm[.187 in]
Mating Tab Thickness	.64 mm[.025 in]
Terminal Orientation	Straight
Contact Base Material	Brass
Terminal Plating Material	Tin
Crimp Type	F-Crimp
Barrel Type	Open

Termination Features

Product Terminates To	Wire & Cable

Mechanical Attachment

Wire Insulation Support	With

Dimensions

Product Length	19.18 mm[.755 in]
Compatible Insulation Diameter Range	2.29 – 3.3 mm[.09 – .13 in]
Terminal Material Thickness	.3 mm[.012 in]
Wire Size	.51 – 1.31 mm²

Usage Conditions

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

Industry Standards

Compatible With Agency/Standards Products	UL

Packaging Features

Packaging Quantity	12000
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: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not applicable for solder process capability

Product Compliance Disclaimer

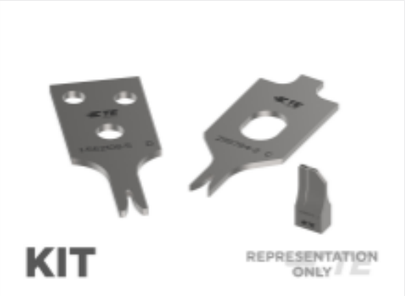
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 # 190679-2
POSILOK T'P

TE Part # 2150186-1
OCEAN_2.0_Applicator-E-090F180F-REM



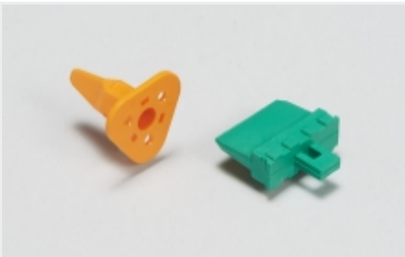
TE Part # 7-2150186-7
OCEAN_2.0_SPARE_PART_KIT-090F180F

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

TE Part # 2150186-2
OCEAN_2.0_Applicator-E-090F180F-REA

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

Also in the Series | Mark II

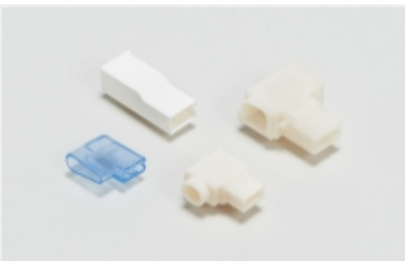


Automotive Connector Locks & Position Assurance(1)

Automotive Housings(6)

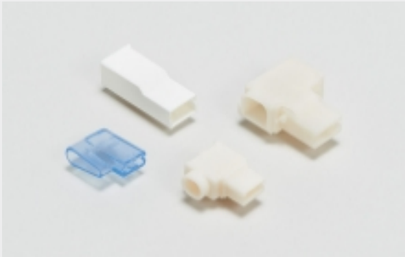
Automotive Seals & Cavity Plugs(1)

Automotive Signal & Power Connector Housings(6)



Crimp Terminal Housings(82)

Also in the Series | Positive Lock 187



Crimp Terminal Housings(82)

Insertion & Extraction Tools(2)

Insulation Boots & Sleeves(7)

Quick Disconnects(56)

Customers Also Bought

TE Part #820887-SF
IL13P-L-UK1-H05-3100-200

TE Part #35684
TERMINAL,SOLIS R 14-12 6

TE Part #60991-1
110 FASTON FLAG REC 22-16 AWG BR

TE Part #165026
SOLIS 12-10 R M6

TE Part #320763
TERMINAL,SOLIS R 12-10 1/2

TE Part #9-1241961-2
STD TIM HOUSING MKII 2POS

TE Part #2-1437662-3
BC6-Q308-02=BC6 ASSEMBLY

TE Part #1862006-1
STD PW TIMER CONTACT

TE Part #5-2178600-2
2POS STANDARD TIMER HOUSING_BLACK

TE Part #1-5103308-3
A/L LOW PRO HDR 24P VERT BLACK

Documents

Product Drawings

PL 187 TERMINAL REC 20-16 AWG TPBR

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1217580-1_E.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1217580-1_E.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1217580-1_E.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

Agency Approvals

UL

English