63520-1 ✔ ACTIVE

Positive Lock | Mark II, Positive Lock 187

TE Internal #: 63520-1

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: **.81 mm [.032 in]**

Features

Product Type Features

Insertion Force	Normal

Configuration Features

Compatible With Wire & Cable Type	Discrete Wire

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

Termination Features

Product Terminates To	Wire & Cable

Mechanical Attachment

Wire Insulation Support	With
Mating Retention Type	Dimple
Extraction Force	.7 – 10.2 kgf

Dimensions

Product Length	18.8 mm[.74 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

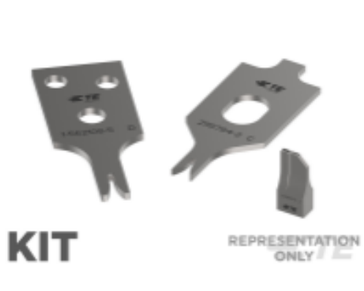
Compatible Parts



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



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



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

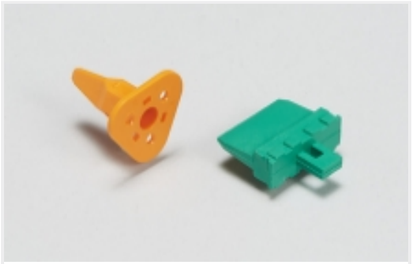


TE Part # 936663-1
PL 187 REC 20-16 AWG 0.3 X 14.0 PTPBR

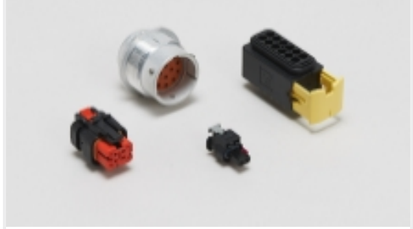


TE Part # 63784-1
RCPT POS/LK 187 0126PTPBR

Also in the Series | Mark II



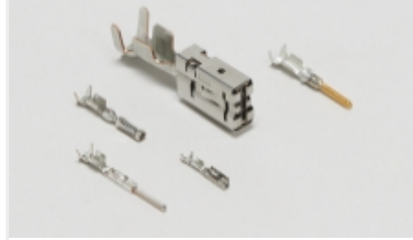
Automotive Connector Locks & Position Assurance(1)



Automotive Housings(6)



Automotive Seals & Cavity Plugs(1)

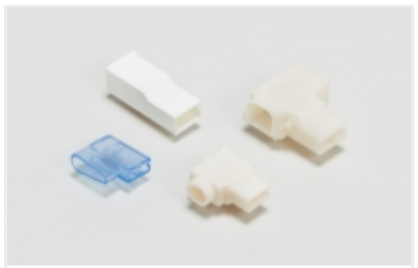


Automotive Terminals(3)



Quick Disconnects(56)

Also in the Series | Positive Lock 187



Crimp Terminal Housings(82)



Insertion & Extraction Tools(2)



Insulation Boots & Sleeves(7)



Quick Disconnects(56)

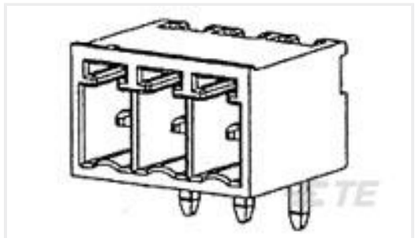
Customers Also Bought



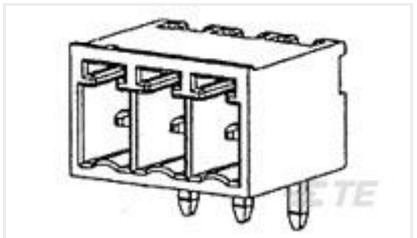
TE Part #GA10K3MCD1
MCD PROBE, 10K OHMS,+/- 0.2C @ 25C



TE Part #2-34168-1
TERMINAL,PG R 12-10 6



TE Part #284512-4
4 POS TERMI-BLOK HDR 900 POLAR



TE Part #284512-6
6 POS TERMI-BLOK HDR 900 POLAR



TE Part #6-1437651-9
6PCR-03-006=6PCR ASSEMBLY



TE Part #1634200-2
PREDA1-07F-BB0BW



TE Part #1744048-4
04P EC PWR.200 CL HDR ASSY RA



TE Part #5103308-1
A/L LOW PRO HDR 10P VERT BLACK



TE Part #CAT-C8114-P2
CORCOM P SERIES MULTI-FUNCTION INLET FIL

Documents

Product Drawings

PL 187 TERMINAL REC 20-16 AWG TPBR

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_63520-1_L.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_63520-1_L.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_63520-1_L.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