1217580-1 ✔ ACTIVE

Positive Lock | Mark II, Positive Lock 187

TE Internal #: 1217580-1

Quick Disconnects, Receptacle, 20 – 16 AWG Wire Size, .51 – 1.31 mm² Wire Size, Mating Tab Width 4.75 mm [.187 in], 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

Connection Capacity	Single
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	.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

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

Usage Conditions

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

Industry Standards

Agency/Standard	UL

Packaging Features

Packaging Quantity	12000
Packaging Method	Strip/Reel

Other

Terminals & Splices Comment	Low profile - not for use in housing.

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 2023 (235) Candidate List Declared Against: JAN 2023 (233) 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 # 190679-2
POSILOK T'P



TE Part # 2-2150186-1
OCEAN_2.0_Applicator-E-090F180F



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



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



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



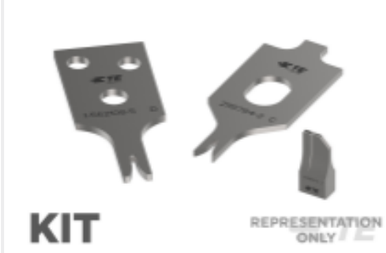
TE Part # 2825431-1
187 SERIES POSITIVE LOCK (MARK-II) REC



TE Part # 7-2150186-1
OCEAN_2.0_Applicator-E-090F180F



TE Part # 7-2150186-2
OCEAN_2.0_Applicator-E-090F180F



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

Also in the Series | Mark II



Automotive Housings(7)



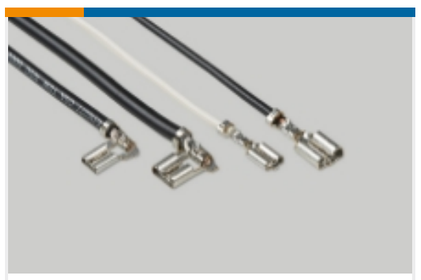
Automotive Terminals(22)



Crimp Terminal Housings(76)



Insertion & Extraction Tools(2)



Quick Disconnects(57)

Also in the Series | Positive Lock 187



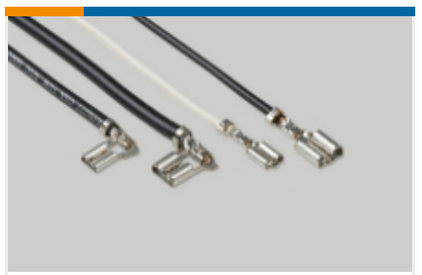
Crimp Terminal Housings(86)



Insertion & Extraction Tools(2)

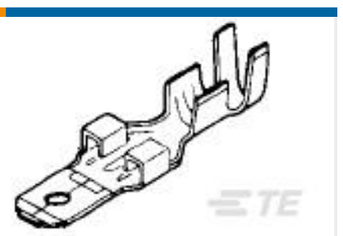


Insulation Boots & Sleeves(7)

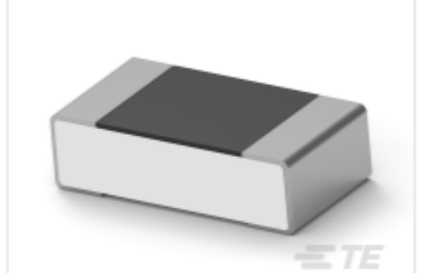


Quick Disconnects(55)

Customers Also Bought



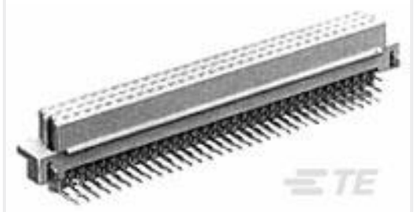
TE Part #175179-1
187 PL MII TAB. 22-16 AWG PTBR



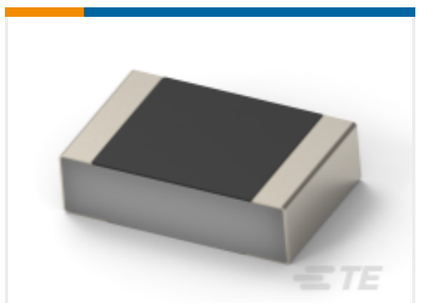
TE Part #1-2176371-3
RQ 0603 6K19 0.1% 10PPM 5K RL



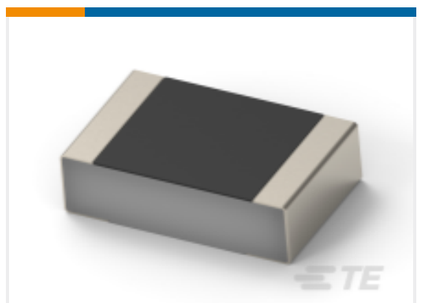
TE Part #YDTS20F25-37SBV001
RECP ASSY



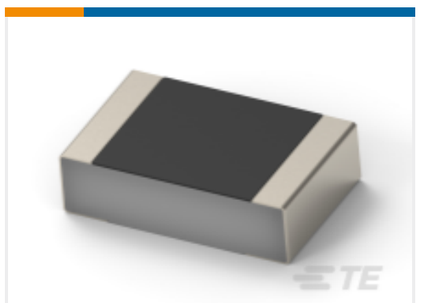
TE Part #650868-5
048 EURO TYPE R RECEPT ASSY



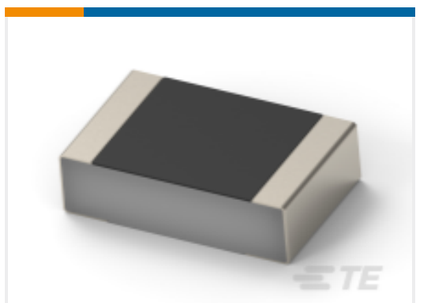
TE Part #3-2176452-6
CPF 0201 1K24 0.1% 25ppm 1K RL



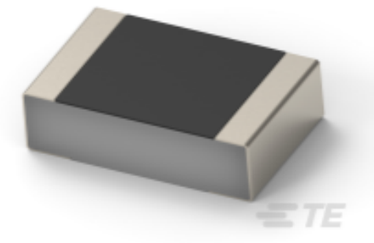
TE Part #3-2176452-9
CPF 0201 1K33 0.1% 25ppm 1K RL



TE Part #9-2176452-7
CPF 0201 5K36 0.1% 25ppm 1K RL



TE Part #1-2176452-8
CPF 0201 806R 0.1% 25ppm 1K RL



TE Part #1-2176453-6
CPF 0201 8K25 0.1% 25ppm 1K RL



TE Part #6-1879337-2
CPF 0603 10K7 1% 50PPM 1K RL

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

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Product Specifications

Application Specification

English