1742669-1 ✔ ACTIVE

Positive Lock | Positive Lock 187

TE Internal #: 1742669-1

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

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]**

Terminal Orientation: **Straight**

Features

Contact Features

Quick Disconnect Terminal Type	Receptacle
Mating Tab Width	4.75 mm[.187 in]
Terminal Orientation	Straight
Contact Base Material	Steel
Terminal Plating Material	Unplated
Crimp Type	F-Crimp
Barrel Type	Open

Dimensions

Wire Size	.51 – 1.31 mm²
Compatible Insulation Diameter Range	2.29 – 3.56 mm[.09 – .14 in]
Terminal Material Thickness	.3 mm[.012 in]

Packaging Features

Packaging Method	Strip/Reel
Packaging Quantity	6000

Usage Conditions

Insulation Option	Uninsulated
Operating Temperature Range	-40 – 250 °C[-40 – 482 °F]

Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant
Line	AMP POSITIVE LOCK

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

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



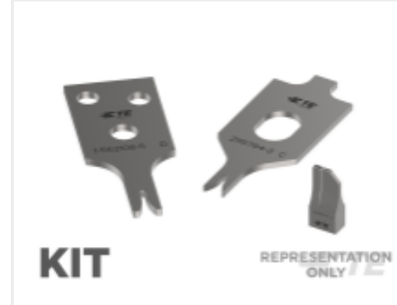
TE Part # 2232342-1
187 PL EX FLAG REC. 22-16AWG PTBR



TE Part # 2150196-1
OCEAN_2.0_APPLICATOR-S-080F155OV-RSM

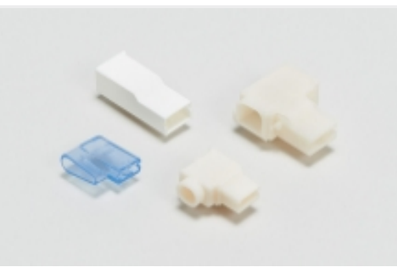


TE Part # 2150196-2
OCEAN_2.0_APPLICATOR-S-080F155OV-RSA



TE Part # 7-2150196-7
OCEAN_2.0_SPARE_PART_KIT-080F155OV

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



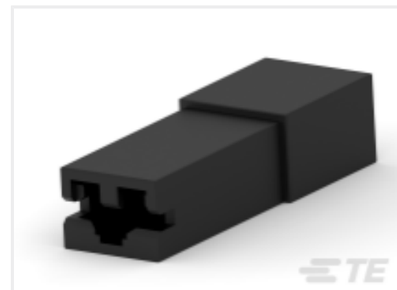
TE Part #HDP24-24-14SN-L017
REC, 14P, BLK, N, RNG, 4/12/16, S



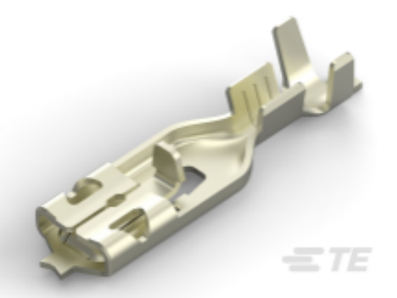
TE Part #1742803-1
FASTON 312 PCB TAB TPBR



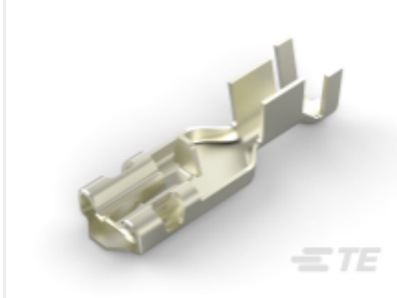
TE Part #2238139-1
250 POS LOC REC 22-18 NIST



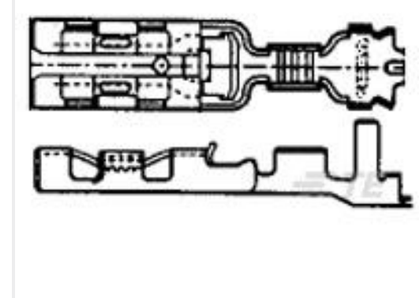
TE Part #1969877-1
187 HIGH TEMP POS LOCK HSG LCP



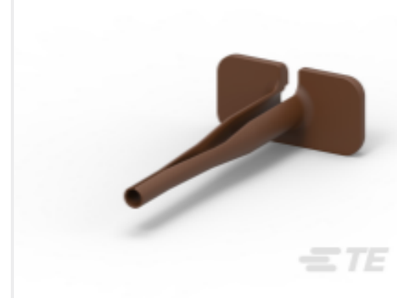
TE Part #2238177-1
187 X 032 POS LOC REC 20-16 NISTL



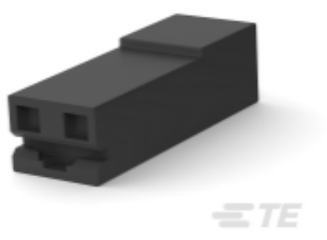
TE Part #2825084-1
250 POS LOC REC 12-10 NIST



TE Part #353250-2
110 PL EX REC. 20-16AWG PTPHBZ



TE Part #0411-354-1605
EXT TOOL, SIZE 16, 16-18 AWG, N, BRN



TE Part #1969820-1
250 HIGH TEMP POS LOCK HSG LCP



TE Part #1-962842-3
TAB 2.8x0.8 CONTACT CS SRC Au

Documents

Product Drawings

PL EX 187 REC 0.5-1.3MM2 NPST

Japanese

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1742669-1_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1742669-1_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1742669-1_A.3d_stp.zip

English

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Datasheets & Catalog Pages

Positive Lock Receptacles

English

Product Specifications

Application Specification

English

Agency Approvals

UL Report

English