173724-5 ✔ ACTIVE

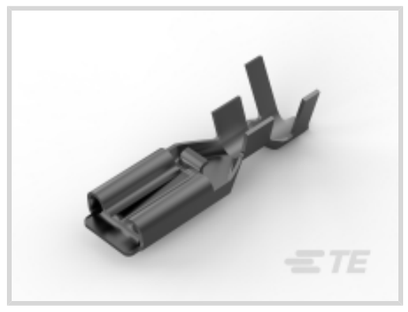
Positive Lock | Positive Lock 187

TE Internal #: 173724-5

Quick Disconnect Receptacle, Uninsulated, 20 – 14 AWG, .51 – 2.08 mm² Wire, 4.75 mm [.187 in] Tab Width, F-Crimp, Straight, Positive Lock 187

View on TE.com >

Terminals & Splices > Quick Disconnects







Quick Disconnect Terminal Type: **Receptacle**

Wire Size: **.51 – 2.08 mm²**

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

Mating Tab Thickness: **.51 mm [.02 in]**

Features

Product Type Features

Insertion Force	Low

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	.51 mm[.02 in]
Terminal Orientation	Straight
Contact Base Material	Phosphor Bronze
Terminal Plating Material	Pre-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	17.2 mm[.68 in]
Compatible Insulation Diameter Range	1.9 – 4.45 mm[.075 – .173 in]
Terminal Material Thickness	.3 mm[.012 in]
Wire Size	.51 – 2.08 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	6000
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 # 2150058-2
OCEAN_2.0_Applicator-E-110F200F-REA



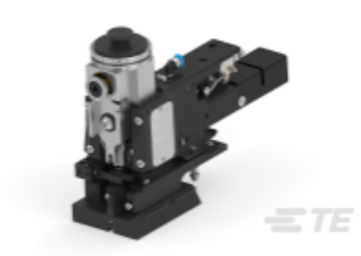
TE Part # 2232342-1
187 PL EX FLAG REC. 22-16AWG PTBR



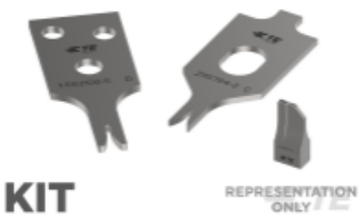
TE Part # 2013799-1
250 HSG. PL EX REC. BLACK



TE Part # 1743058-1
PL 187 REC 22-16 AWG 0.3 X 22.8 PTBR

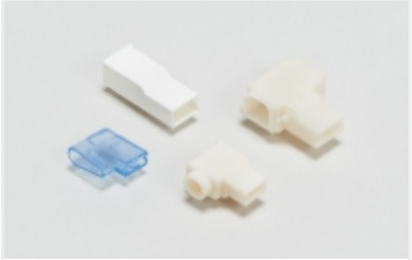


TE Part # 2150058-1
OCEAN_2.0_Applicator-E-110F200F-REM



TE Part # 7-2150058-7
OCEAN_2.0_SPARE_PART_KIT-110F200F

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 #170325-5
187 PL MKII REC. 20-16AWG PTBR



TE Part #316769-2
POWER D/LOCK CAP HSG 1P RED



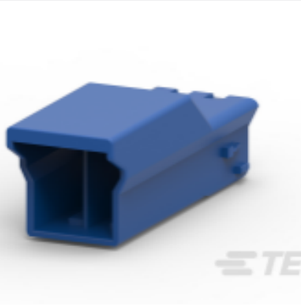
TE Part #1565080-1
GRACE INERTIA 3.5 TAB CONTACT(L)



TE Part #1565085-1
GRACE INERTIA CONNECTOR 3.5 2P



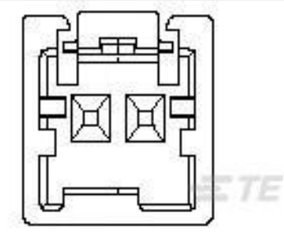
TE Part #5-1565085-1
GRACE INERTIA CONNECTOR 3.5W 2POS CAP



TE Part #5-1565085-3
GRACE INERTIA CONNECTOR 3.5W 2POS CAP



TE Part #1746971-1
GRACE INERTIA CONNECTOR 6.2 MM PITCH REC



TE Part #1-1903388-2
GIC 2.5 W PLUG HSG 2P RED



TE Part #2232576-1
2.5 SIGNAL DBL LOCK REC CONT M



TE Part #175019-5
PL 187 REC 22-16 AWG 0.3 X 22.8 PTPHBZ

Documents

CAD Files

3D PDF

3D

Customer View Model
ENG_CVM_CVM_173724-5_Y.2d_dxf.zip

English

Customer View Model
ENG_CVM_CVM_173724-5_Y.3d_igs.zip

English

Customer View Model
ENG_CVM_CVM_173724-5_Y.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

Instruction Sheets

Instruction Sheet (non U.S.)

English

POSITIVE LOCK EX CONTACT

English

Agency Approvals

UL Report

English