176498-1 ✔ ACTIVE

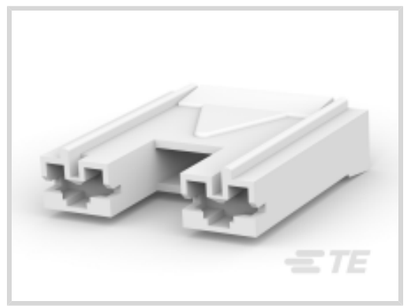
Positive Lock | Positive Lock 187

TE Internal #: 176498-1

Receptacle, Receptacle, 2 Position, Straight, UL 94V-0, Natural, Nylon, Contact Mating Retention, Positive Lock 187, Crimp Terminal Housings

View on TE.com >

Terminals & Splices > Terminal Housings, Insulation Sleeves & Blocks > Crimp Terminal Housings







Terminal Type: **Receptacle**

Connector & Housing Type: **Receptacle**

Number of Positions: **2**

Terminal Orientation: **Straight**

UL Flammability Rating: **UL 94V-0**

Features

Product Type Features

Sealable	No
Connector System	Wire-to-Board, Wire-to-Wire
Connector & Contact Terminates To	Wire & Cable
Connector & Housing Type	Receptacle

Configuration Features

Number of Positions	2

Body Features

Primary Product Color	Natural

Contact Features

Terminal Type	Receptacle
Terminal Orientation	Straight
Contact Mating Retention	With

Mechanical Attachment

Mating Alignment Type	Polarization
Mating Retention Type	Latch
Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Housing Material	Nylon
Centerline (Pitch)	15 mm[.59 in]

Usage Conditions

Operating Temperature Range	-40 – 105 °C[-40 – 221 °F]

Industry Standards

UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Quantity	1000

Product Compliance

For compliance documentation, visit the product page on TE.com>

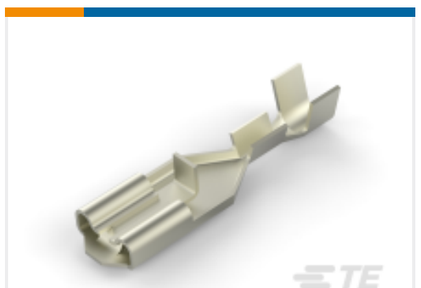
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) SVHC > Threshold: Melamine (3% in Component Part) **Article Safe Usage Statements:** Wash thoroughly after handling. Do not handle until all safety precautions have been read and understood. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.
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 # 170330-2
PL 187 RECEPTACLE 24-20 AWG NPPHBZ



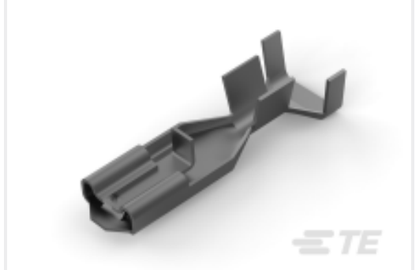
TE Part # 170332-1
PL 187 RECEPTACLE 18-14 AWG PTPBR



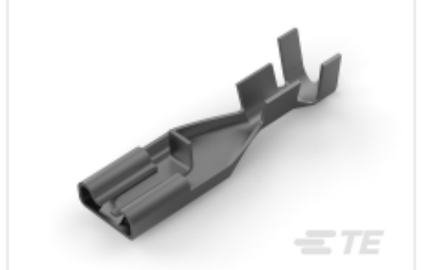
TE Part # 170324-2
PL 187 RECEPTACLE 24-20 AWG 0.3 NPCU



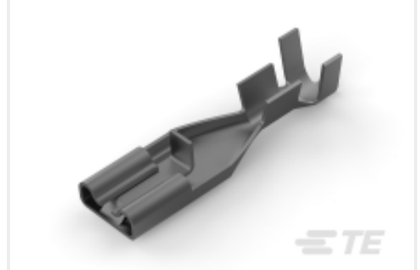
TE Part # 170326-5
187 PL MKII REC. 18-14AWG PTPB



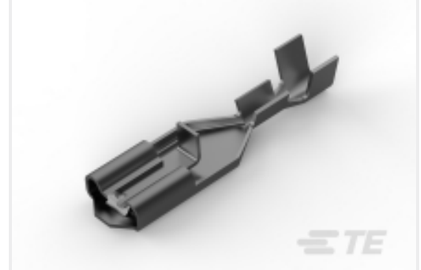
TE Part # 170326-1
187 PL MKII REC. 18-14AWG PTBR



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



TE Part # 170325-1
187 PL MKII REC. 20-16AWG PTBR



TE Part # 170324-1
187 PL MKII REC. 24-20AWG PTBR



TE Part # 170331-1
PL MKII 187 REC 20-16AWG PTBR LP



TE Part # 170330-1
PL MKII 187 REC 24-20AWG PTBR LP



TE Part # 2-174712-1
PL MK2 2P 187 HOUSING REC NATURAL

Also in the Series | Positive Lock 187



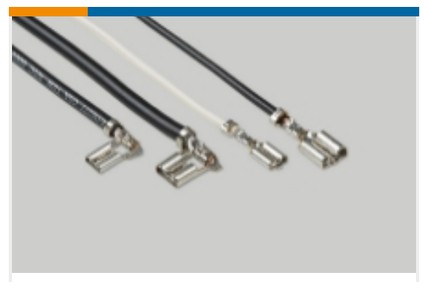
Crimp Terminal Housings(86)



Insertion & Extraction Tools(2)



Insulation Boots & Sleeves(7)



Quick Disconnects(57)

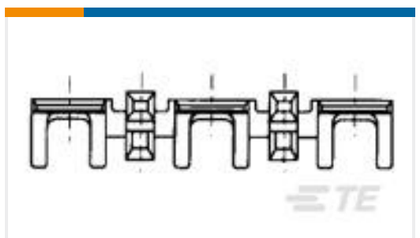
Customers Also Bought



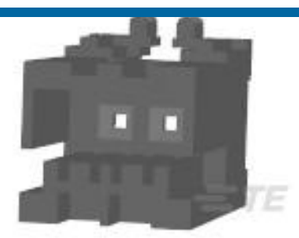
TE Part #179862-1
AMP POWER D/LOCK PLUG HSG 6P



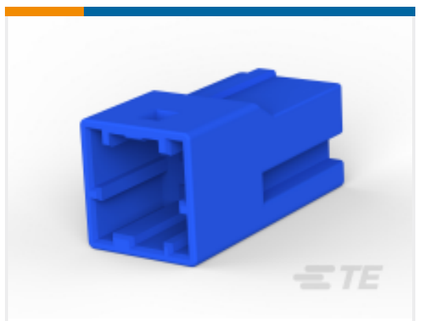
TE Part #316062-1
POWER DBL LOCK PLATE 3P /6.5MM



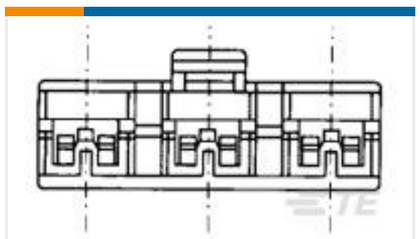
TE Part #353256-1
110 HSG. PL EX REC. 7.6mm 3P NAT



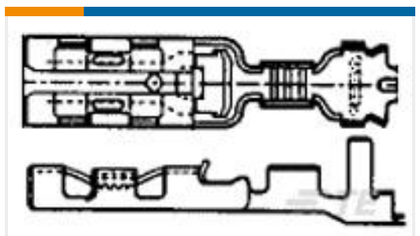
TE Part #316086-2
2.5 S.D.L CAP HSG 2P RED



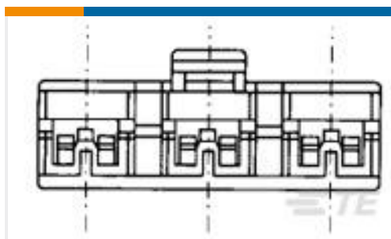
TE Part #2-1903391-3
GIC 2.5 W CAP HSG 2P BLUE



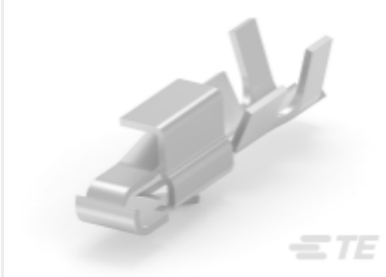
TE Part #353255-7
110 HSG. PL EX REC. 7.6mm 3P RED



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



TE Part #353255-1
110 HSG. PL EX REC. 7.6mm 3P NAT



TE Part #3-647449-1
SL156 RCPT,SPCL LUBE, LF

Documents

Product Drawings

POSITIVE LOCK 187 (4.8 MM) HOUSING

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_176498-1_F.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_176498-1_F.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_176498-1_F.3d_stp.zip

English

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Datasheets & Catalog Pages

FASTON Housings

English

Positive Lock Receptacles

English

Agency Approvals

UL Report

English

Unikeyic Electronics

Global Electronic Components Distributor

Click to view pricing, inventory, delivery, and lifecycle information:

TE Connectivity:

936348-1 ROX05SJ18R SBCHE64R7K 2310537-1 3631B101LL SMW73R0JT 1-962915-1 MPT100C18RF
141991-2 175977-2 2005330-1 2377783-2 CRGCQ2010J3K3 1-794222-0 1903112-2 2380312-2
3-1393225-0 3430B2F51RTDF 650075-000 U5254-000005-030PA 2-292161-3 CPF0402B37K4E1
RH73H2A40MKTN TE50BR39J 1743455-2 1969656-1 2834055-1 SBCHE154R7K 1393431-1 917696-1