

173690-1 ✓ ACTIVE

[Positive Lock](#) | [Positive Lock 187](#)

TE Internal #: 173690-1

Quick Disconnect Receptacle, Uninsulated, 24 – 20 AWG, .2 – .51 mm<sup>2</sup> 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: .2 – .51 mm<sup>2</sup>

Mating Tab Width: 4.75 mm [.187 in]

Mating Tab Thickness: .81 mm [.032 in]

## Features

### Product Type Features

Insertion Force	Low
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### Configuration Features

Compatible With Wire & Cable Type	Discrete Wire
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### 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	Pre-Tin
Crimp Type	F-Crimp
Barrel Type	Open

### Termination Features

Product Terminates To	Wire & Cable
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### Mechanical Attachment

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

### Dimensions

Product Length	21.6 mm [.85 in]
Compatible Insulation Diameter Range	1.5 – 2.7 mm [.059 – .106 in]
Terminal Material Thickness	.3 mm [.012 in]
Wire Size	.2 – .51 mm <sup>2</sup>

### Usage Conditions

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

### Industry Standards

Compatible With Agency/Standards Products	UL
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### Packaging Features

Packaging Quantity	8000
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

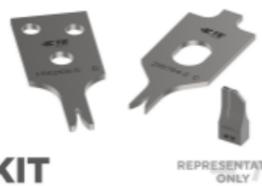
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as

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 # 2150059-2  
OCEAN\_2.0\_APPLICATOR-E-062F130F-REA



**KIT**  
REPRESENTATION ONLY

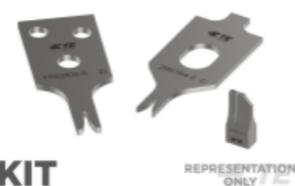
TE Part # 7-2150059-7  
OCEAN\_2.0\_SPARE\_PART\_KIT-062F130F



TE Part # 2150478-2  
OCEAN\_2.0\_APPLICATOR-E-062F100OV-REA



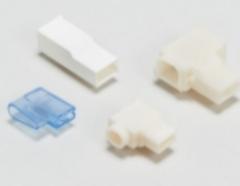
TE Part # 284106-2  
5P.MODULAR CONN.MICRO RELAY W.



**KIT**  
REPRESENTATION ONLY

TE Part # 7-2150478-7  
OCEAN\_2.0\_SPARE\_PART\_KIT-062F100OV

## Also in the Series | Positive Lock 187



Crimp Terminal Housings(82)



Insertion & Extraction Tools(2)



Insulation Boots & Sleeves(7)



Quick Disconnects(56)

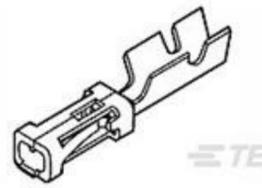
## Customers Also Bought



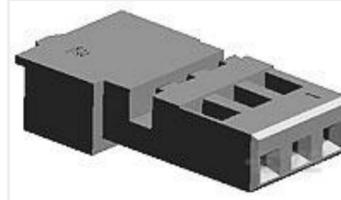
TE Part #62085-2  
187 FASTON FLAG REC 22-18 AWG  
TPBR



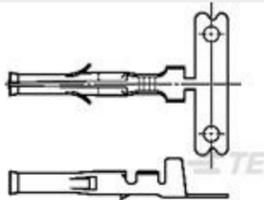
TE Part #63990-1  
110 FASTON FLAG REC 22-16 AWG  
TPBR



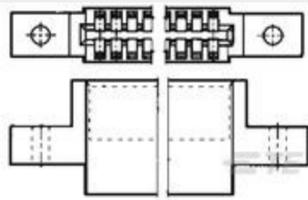
TE Part #85969-6  
MOD IV RECP PLTD 15 SEL



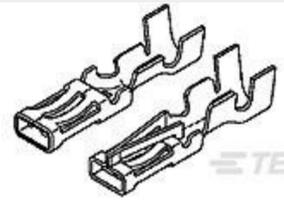
TE Part #185309-1  
PLUG HOUSING 3W MQS



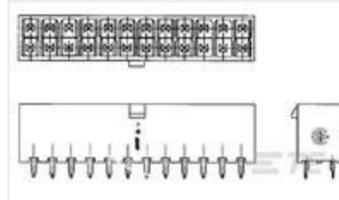
TE Part #350628-2  
.062 COMM P&S SOK PTPPHBZ



TE Part #583718-9  
TW-LEAF CRP HSG 22 POS 100 C/L



TE Part #770642-1  
TIMER CONNECTOR TERMINAL 20-  
14 AWG PTPBR



TE Part #1-1586038-2  
12P VRT HDR VAL-U-LOK V0



TE Part #1827395-1  
GIC 3.3 REC CONTACT TIN PLATE



TE Part #1-2132781-0  
10P EP-II HOUSING, NATURAL

## Documents

### Product Drawings

[PL 187 TERMINAL 24-20 AWG 0.3 X 14.0](#)

English

### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_173690-1\\_O.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_173690-1\\_O.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_173690-1\\_O.3d\\_stp.zip](#)

English

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### Product Specifications



## Application Specification

English