

63784-1 ✓ ACTIVE

[Positive Lock](#) | [Mark II](#), [Positive Lock 187](#)

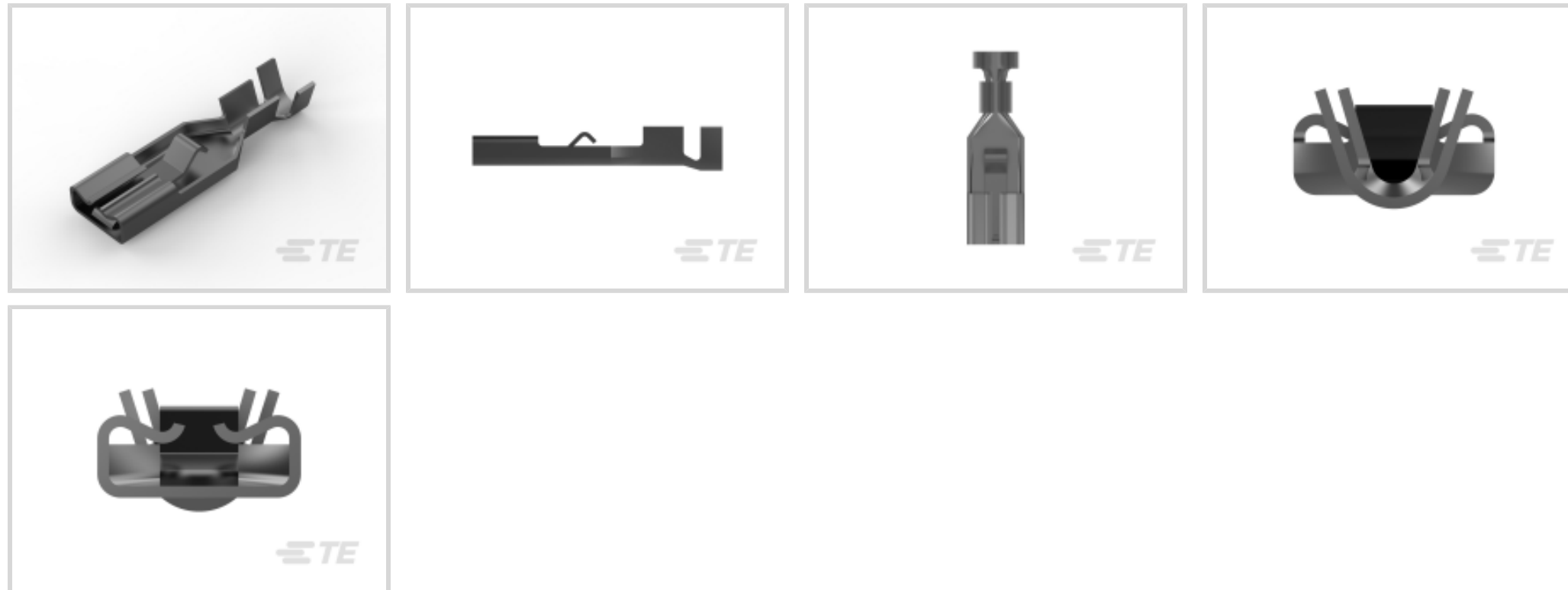
TE Internal #: 63784-1

Quick Disconnects, Receptacle, 20 – 16 AWG Wire Size, .51 – 1.31 mm<sup>2</sup> 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 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	Normal
-----------------	--------

### 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	.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
-----------------------	--------------



### Mechanical Attachment

Extraction Force	7 – 100 Newton
Wire Insulation Support	With
Mating Retention Type	Dimple

### Dimensions

Terminal Material Thickness	.3 mm[.012 in]
Product Length	19.18 mm[.755 in]
Compatible Insulation Diameter Range	1.52 – 2.8 mm[.06 – .11 in]
Wire Size	.51 – 1.31 mm <sup>2</sup>

### 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

### 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: JUNE 2023 (235) 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

<p>TE Part # 63407-2 PL 187 TERMINAL REC 0.2-0.5 MM2 PTPBR</p>	<p>TE Part # 63313-1 PL 187 RECEPTACLE 20-16 AWG TPBR</p>	<p>TE Part # 175179-1 187 PL MII TAB. 22-16 AWG PTBR</p>	<p>TE Part # 63195-1 PL 187 RECEPTACLE 20-16 AWG TPBR</p>
<p>TE Part # 170325-5 187 PL MKII REC. 20-16AWG PTBR</p>	<p>TE Part # 63232-1 POSITIVE LOCK 187 REC 20-16 AWG TPBR</p>	<p>TE Part # 63520-1 PL 187 TERMINAL REC 20-16 AWG TPBR</p>	<p>TE Part # 63196-1 PL 187 RECEPTACLE 24-20 AWG TPBR</p>
<p>TE Part # 2150184-2 OCEAN_2.0_Applicator-E-090F140FA</p>	<p>TE Part # 63498-2 PL MKII 187 REC 20-16AWG BR</p>	<p>TE Part # 7-2150184-2 OCEAN_2.0_Applicator-E-090F140FA</p>	<p>TE Part # 7-2150184-7 OCEAN_2.0_SPARE_PART_KIT-090F140F</p>

## Also in the Series | Mark II

<p>Automotive Housings(8)</p>	<p>Automotive Terminals(22)</p>	<p>Crimp Terminal Housings(76)</p>	<p>Insertion &amp; Extraction Tools(2)</p>
-------------------------------	---------------------------------	------------------------------------	--



Quick Disconnects(57)

## 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



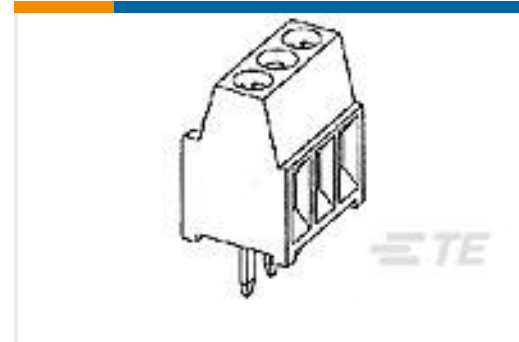
TE Part #5-103817-2  
12 MODII HDR 3RST UNSHRD .100



TE Part #41729-2  
250 FASTON REC 18-16 AWG TPBR



TE Part #5-146256-3  
06 MODII HDR DRST B/A .100CL L



TE Part #1546551-2  
2P, STRAIGHT, SIDE ENTRY, 3.5MM



TE Part #87224-5  
05 MODII HDR SRST UNSHRD .100



TE Part #ADP-SMAF-NM  
SMA Jack to N Type Plug



TE Part #ADP-SMAF-SMAF-F-G  
SMA Jack to SMA Jack Flange



TE Part #CONMMCX012-R178  
MMCX Jack 50 Ohm Cable Crimp



TE Part #CONSMA024-G-T  
SMA Jack 50 Ohm PCB Edge Mount



## Documents

### Product Drawings

[RCPT POS/LK 187 0126PTPBR](#)

English

---

### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_63784-1\\_K.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_63784-1\\_K.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_63784-1\\_K.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

---

### Product Environmental Compliance

[TE Material Declaration](#)

English