



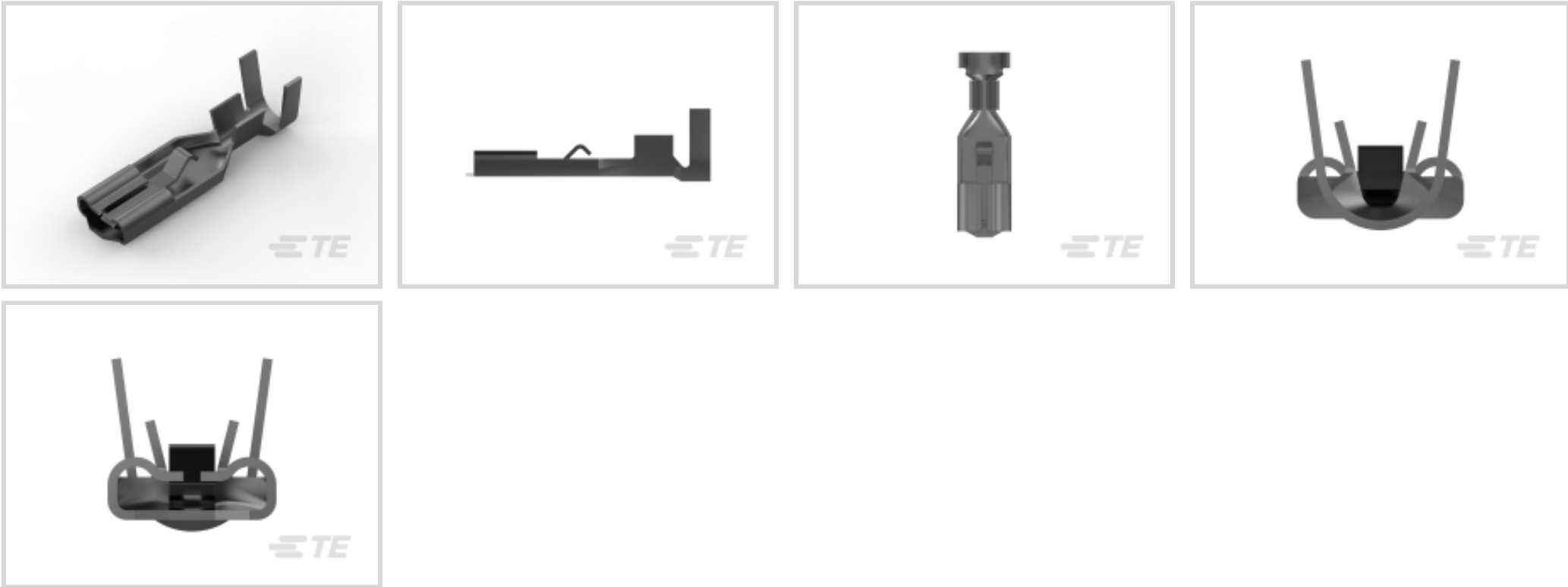
Positive Lock | Mark II, Positive Lock 187

TE Internal #: 63232-1

Quick Disconnects, Receptacle, 20 – 16 AWG Wire Size, .51 – 1.31 mm² 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 mm²**

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

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

Features

Product Type Features

Insertion Force	Normal
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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	.51 mm[.02 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

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	2.29 – 3.3 mm[.09 – .13 in]
Wire Size	.51 – 1.31 mm²

Usage Conditions

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

Industry Standards

Agency/Standard	UL
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Packaging Features

Packaging Quantity	12000
Packaging Method	Strip/Reel

Other

Terminals & Splices Comment	Low profile - not for use in housing.
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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: JAN 2023 (233) 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 # 63784-1 RCPT POS/LK 187 0126TPBR	TE Part # 2-2150186-1 OCEAN_2.0_Applicator-E-090F180F	TE Part # 2-2150186-2 OCEAN_2.0_Applicator-E-090F180F	TE Part # 2150186-1 OCEAN_2.0_Applicator-E-090F180F
TE Part # 2150186-2 OCEAN_2.0_Applicator-E-090F180F	TE Part # 7-2150186-1 OCEAN_2.0_Applicator-E-090F180F	TE Part # 7-2150186-2 OCEAN_2.0_Applicator-E-090F180F	TE Part # 7-2150186-7 OCEAN_2.0_SPARE_PART_KIT-090F180F

Also in the Series | Mark II

Automotive Housings(7)	Automotive Terminals(22)	Crimp Terminal Housings(76)	Insertion & Extraction Tools(2)
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Quick Disconnects(57)

Also in the Series | Positive Lock 187



Crimp Terminal Housings(86)



Insertion & Extraction Tools(2)

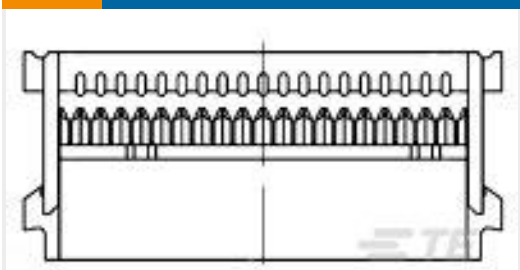


Insulation Boots & Sleeves(7)

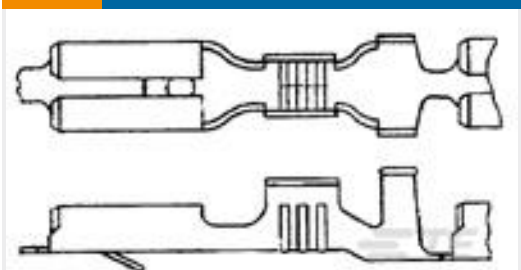


Quick Disconnects(55)

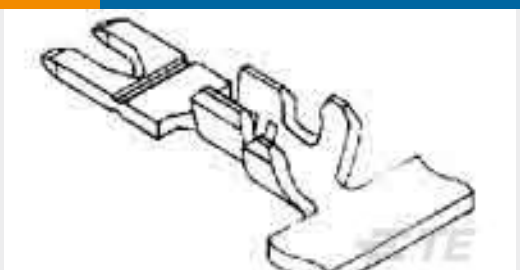
Customers Also Bought



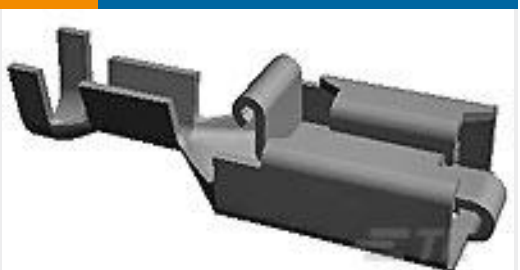
TE Part #1658526-8
609-1430LF FEM SOCKET,LEAD FREE



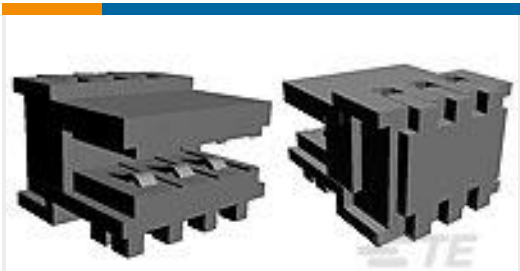
TE Part #170015-1
FF 110 REC 20-16AWG BR



TE Part #881257-3
MAG-MATE TERMINAL



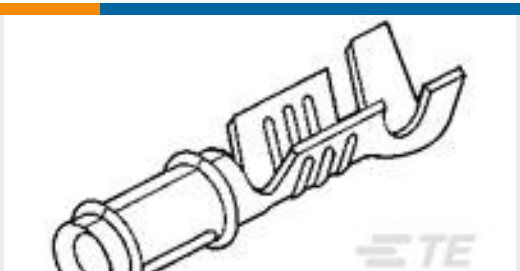
TE Part #160773-4
PL LP RECEPTACLE 0.5-1.5 MM2
TPPHBZ



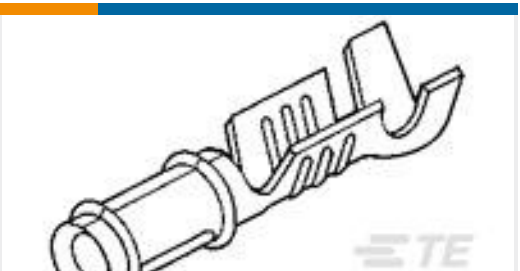
TE Part #3-966480-3
DUOPLUG2,5BUST16X3P



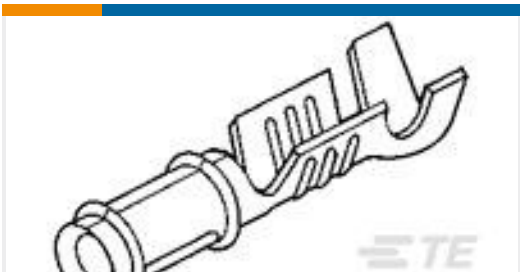
TE Part #63518-1
RING 18-14 AWG PTPBR



TE Part #350196-1
058 PIN REC 26-20 010TPBECU



TE Part #60789-2
.058 DIA RECEPTACLE LP 20-24



TE Part #60598-4
058 PIN REC IS 22-20 010TPBECU



Documents

Product Drawings

POSITIVE LOCK 187 REC 20-16 AWG TPBR

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_63232-1_AH.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_63232-1_AH.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_63232-1_AH.3d_stp.zip

English

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Datasheets & Catalog Pages

Positive Lock Receptacles

English

Product Specifications

Application Specification

English

Product Environmental Compliance

Product Compliance

English

Product Compliance

English