



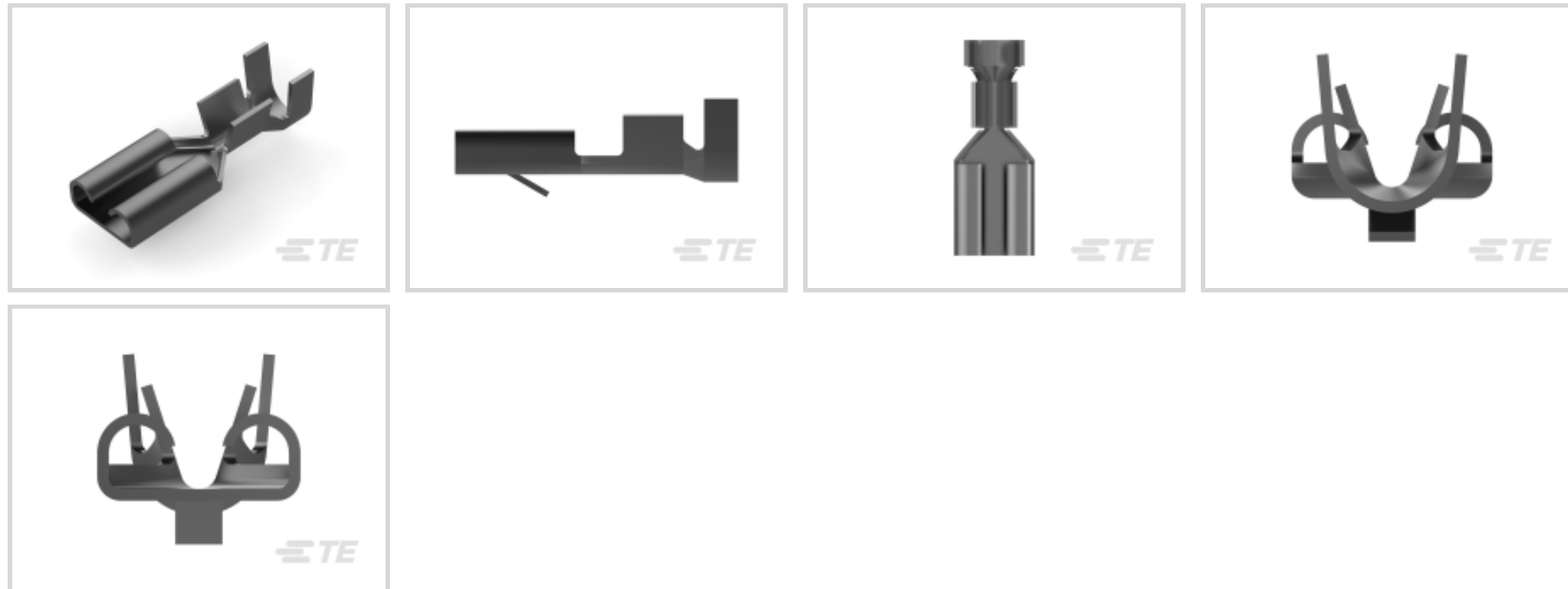
FASTIN-FASTON | FASTIN-FASTON 187

TE Internal #: 280919-2

Receptacle, 20 – 15 AWG Wire Size, .51 – 1.65 mm² Wire Size, Mating Tab Width 4.75 mm [.187 in], Straight, Brass, FASTIN-FASTON 187, Quick Disconnects

[View on TE.com >](#)

Terminals & Splices > Quick Disconnects



Quick Disconnect Terminal Type: **Receptacle**

Wire Size: .51 – 1.65 mm²

Mating Tab Width: 4.75 mm [.187 in]

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

Features

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

Dimensions

Wire Size	.51 – 1.65 mm ²
Product Length	16 mm [.629 in]
Compatible Insulation Diameter Range	2.31 – 3.3 mm [.091 – .129 in]
Terminal Material Thickness	.25 mm [.01 in]

Packaging Features

Packaging Method	Strip/Reel
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Packaging Quantity	8000
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Product Type Features

Insertion Force	Normal
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Usage Conditions

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

EU RoHS Compliance	Compliant
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EU ELV Compliance	Compliant
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Configuration Features

Compatible With Wire & Cable Type	Discrete Wire
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Connection Capacity	Single
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Electrical Characteristics

Voltage Rating	250 V
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Termination Features

Product Terminates To	Wire & Cable
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Mechanical Attachment

Locking Lance Height	1.2 mm
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Wire Insulation Support	With
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Mating Retention Type	Locking Lance
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Extraction Force	4 Newton
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Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC
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Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per
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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 # 175042-1
FF 187 REC 2-3MM2 PTBR



TE Part # 2150309-1
OCEAN_2.0_APPLICATOR-E-090F130F-REM



TE Part # 2150309-2
OCEAN_2.0_APPLICATOR-E-090F130F-REA



TE Part # 281197-5
FF 187 REC 1.0-2.5MM2 PTBR (RE REELING)



TE Part # 281197-6
FF 187 REC 1.0-2.5MM2 PTBR

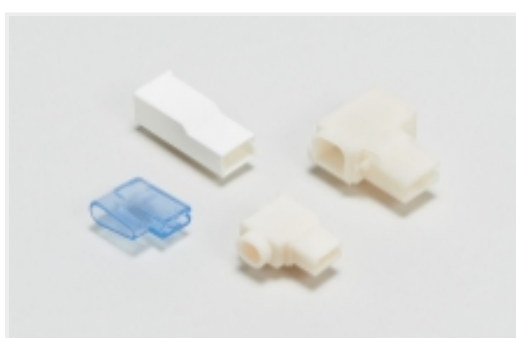


KIT
TE Part # 7-2150309-7
OCEAN_2.0_SPARE_PART_KIT-090F130F




TE Part # 175040-1
FF 187 REC 0.5-1.25MM2 PTBR


Also in the Series | FASTIN-FASTON 187



Crimp Terminal Housings(6)



Insertion & Extraction Tools(1)

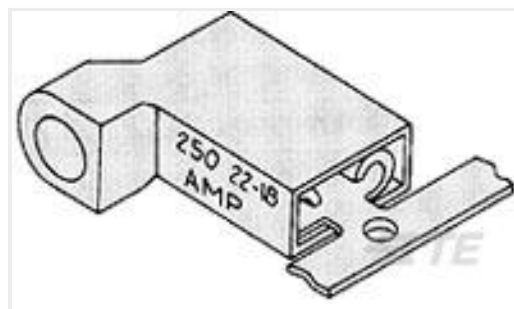


Quick Disconnects(20)

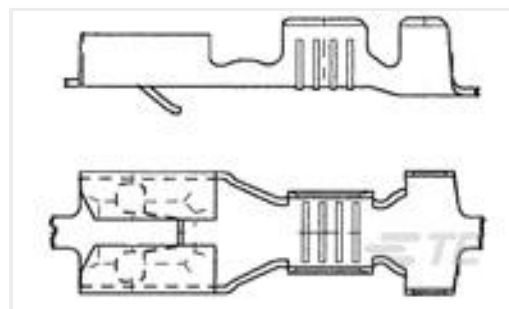
Customers Also Bought



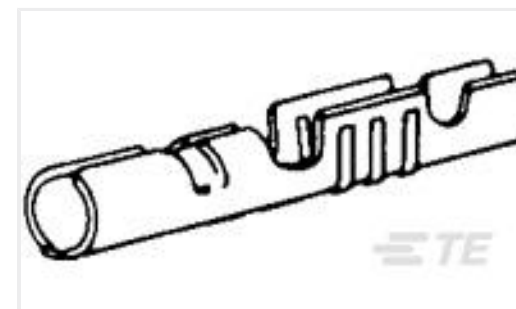
TE Part #66024-2
TAB,PIDG TERMI-BK 16-14



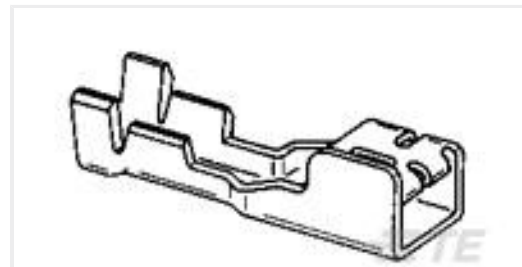
TE Part #3-520338-2
ULTRA-FAST 187 ASY REC 16-14 AWG TPBR



TE Part #282180-3
FF 187 REC 0.5-1.5MM2 TPPB



TE Part #42101-2
PIN RECEPTACLE 18-16 AWG TPBR



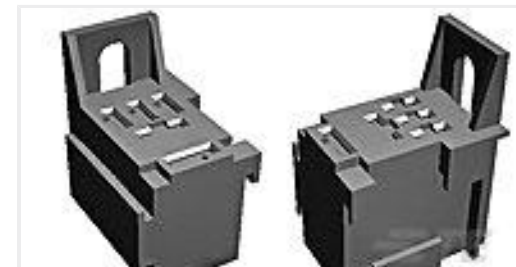
TE Part #142685-3
L.I.F PL CONTACT 5MM 0.35-1 MM2 PTPPHBZ



TE Part #EEC-5X650B
ENCLOSURE, 5 X 6.50, BLK, NO VENT



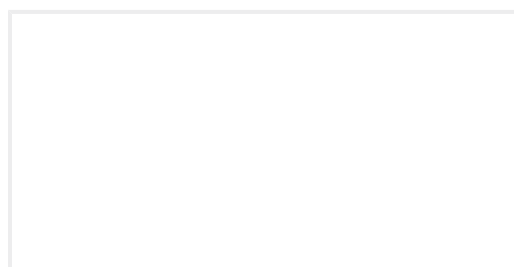
TE Part #YHDP24-24-29PEL024
REC, 29P, BLK, E, WTHD, 12/16/20, P



TE Part #3-1393310-8
VCFM-1002=SOCKET,VCFM,5,PC,PLA-



TE Part #962835-1
FF 374 REC 1-2.5 MM2 PLAIN CUSN4



TE Part #2265841-2
CABLE ASSY, EV200 (48V) TO REC CONN

Documents

Product Drawings

[FF 187 REC 0.5-1.5MM2 TPBR](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_280919-2_M.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_280919-2_M.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_280919-2_M.3d_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Product Specifications



Application Specification

FASTIN-FASTON Connector, .187 rec. etc.