

170037-1 ✓ ACTIVE

FASTON | FASTON 187

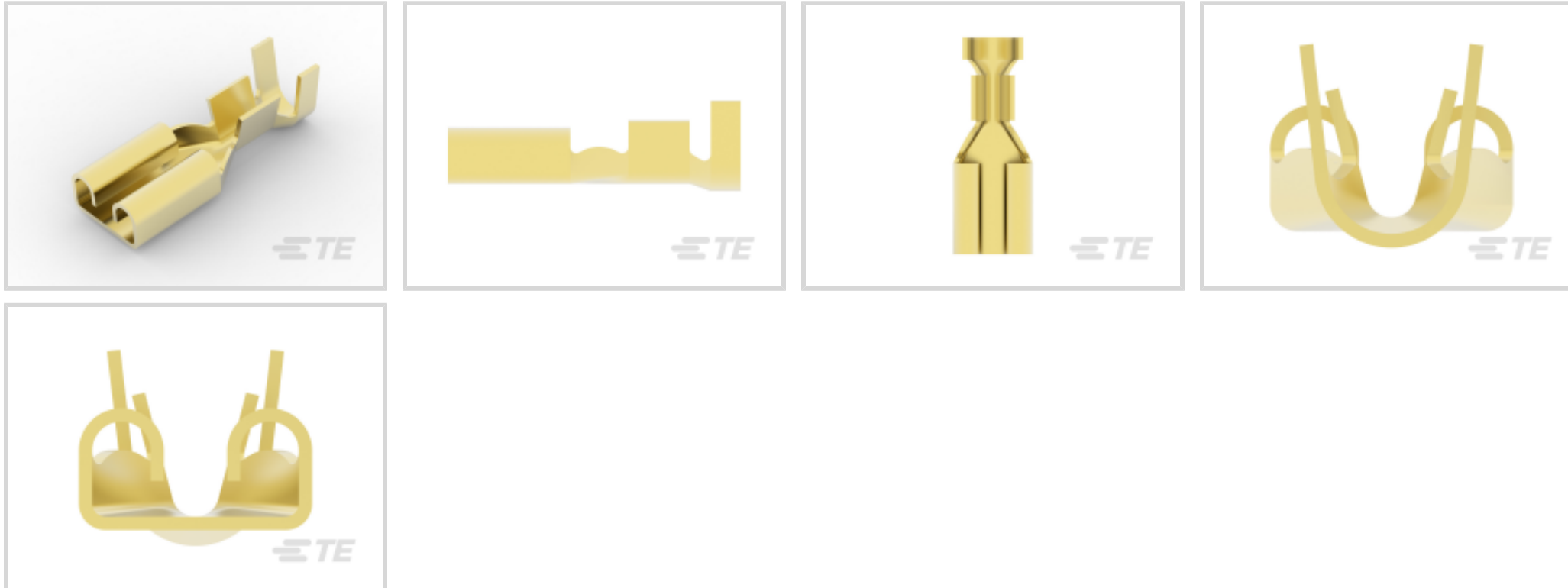
TE Internal #: 170037-1

Quick Disconnects, Receptacle, 20 – 16 AWG Wire Size, .51 – 1.31 mm² Wire Size, Mating Tab Width 4.75 mm [.187 in], Straight, Brass, FASTON 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

Connection Capacity	Single
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	.51 mm [.02 in]
Terminal Orientation	Straight
Contact Base Material	Brass
Terminal Plating Material	Unplated
Crimp Type	F-Crimp
Barrel Type	Open

Termination Features

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Product Terminates To	Wire & Cable
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Mechanical Attachment

Wire Insulation Support	With
Mating Retention Type	Dimple

Dimensions

Terminal Material Thickness	.3 mm[.012 in]
Product Length	16.6 mm[.653 in]
Compatible Insulation Diameter Range	2.29 – 3.3 mm[.09 – .13 in]
Wire Size	.51 – 1.31 mm ²

Usage Conditions

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

Industry Standards

Compatible With Agency/Standards Products	CSA, UL
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Packaging Features

Packaging Quantity	9000
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 2024 (241) Candidate List Declared Against: JAN 2024 (240) 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 # 2150007-1
OCEAN_2.0 Applicator-E-090F140F-REM



TE Part # 755336-1
DAHT FASTON 22-14 ASSY



TE Part # 1494219-1
110 FASTON,REC.,18-22 AWG,BR



TE Part # 2150007-2
OCEAN_2.0 Applicator-E-090F140F-REA



TE Part # 2232975-1
187 FASTON,REC.,20-16 AWG,TPBR




TE Part # 7-2150007-7
OCEAN_2.0 SPARE PART KIT-090F140F




TE Part # 7-2150007-2
OCEAN_2.0 Applicator-E-090F140F

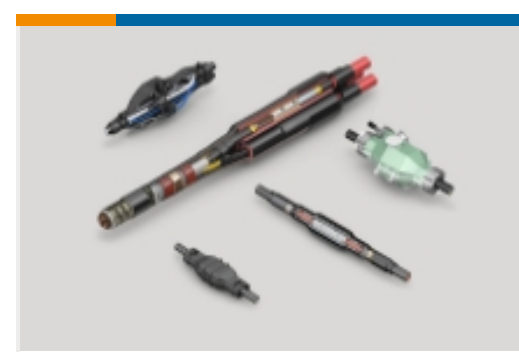
Also in the Series | FASTON 187




Crimp Terminal Housings(41)



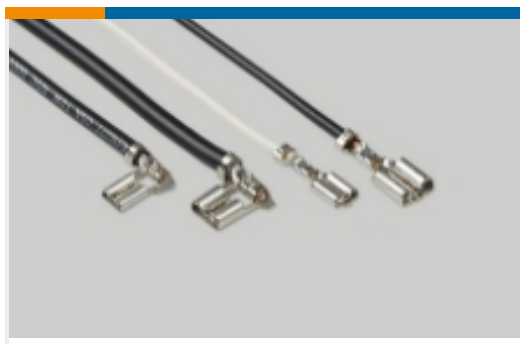
Insertion & Extraction Tools(1)



Joints & Splices(1)



PCB Terminals(42)

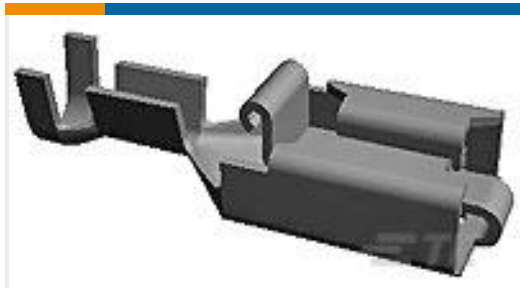


Quick Disconnects(208)

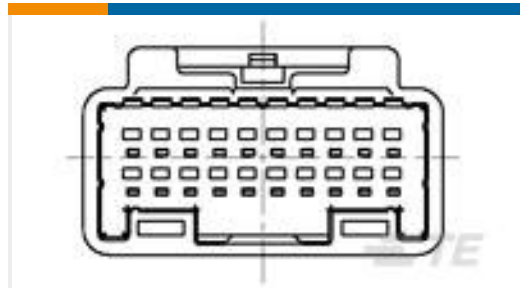


Splices(1)

Customers Also Bought



TE Part #927852-6
PL 250 REC TERMINAL 20-17 AWG
PTPB



TE Part #1473750-1
025 20POS CAP ASSY W TO W



TE Part #962934-1
MPT REC 9.5 Contact SWS Sn



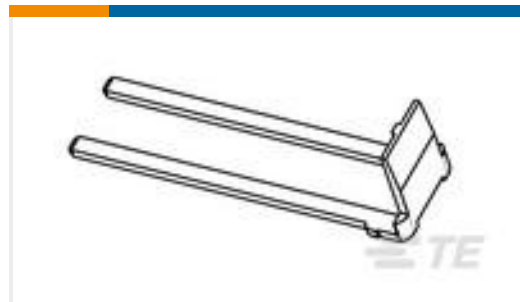
TE Part #171632-1
E-J MK-2 250 REC CONT



TE Part #CH03586001
QSZH-125-NR3-40MM



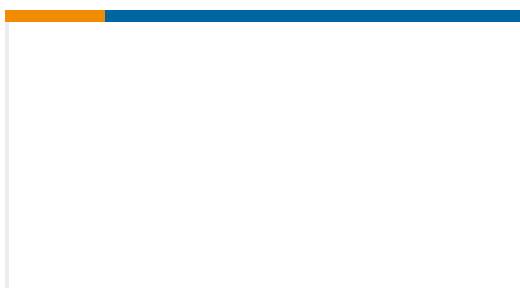
TE Part #1443996-3
COVER, 60 POSITION - NO EXTERIOR
TEXT



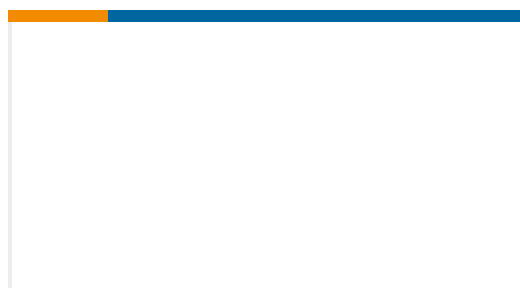
TE Part #1670789-1
2. LOCK



TE Part #926820-6
PL 250 FLAG REC 0.5-1.5 MM2 0.4X.44



TE Part #1203559-3
EXTERNAL RELAY BASE(FR)



TE Part #2315768-1
TPA REC HSG,16POS,ECONOSEAL

Documents

Product Drawings

[187 FASTON,REC.,20-16 AWG,BR](#)

English

CAD Files

Customer View Model

[ENG_CVM_CVM_170037-1_AD.2d_dxf.zip](#)

English

[3D PDF](#)



3D

Customer View Model

[ENG_CVM_CVM_170037-1_AD.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_170037-1_AD.3d_stp.zip](#)

English

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Product Specifications

[Application Specification](#)

English

Instruction Sheets

[Instruction Sheet \(non U.S.\)](#)

Japanese

Agency Approvals

[UL Report](#)

English