

170038-1 ✓ ACTIVE

FASTON | FASTON 187

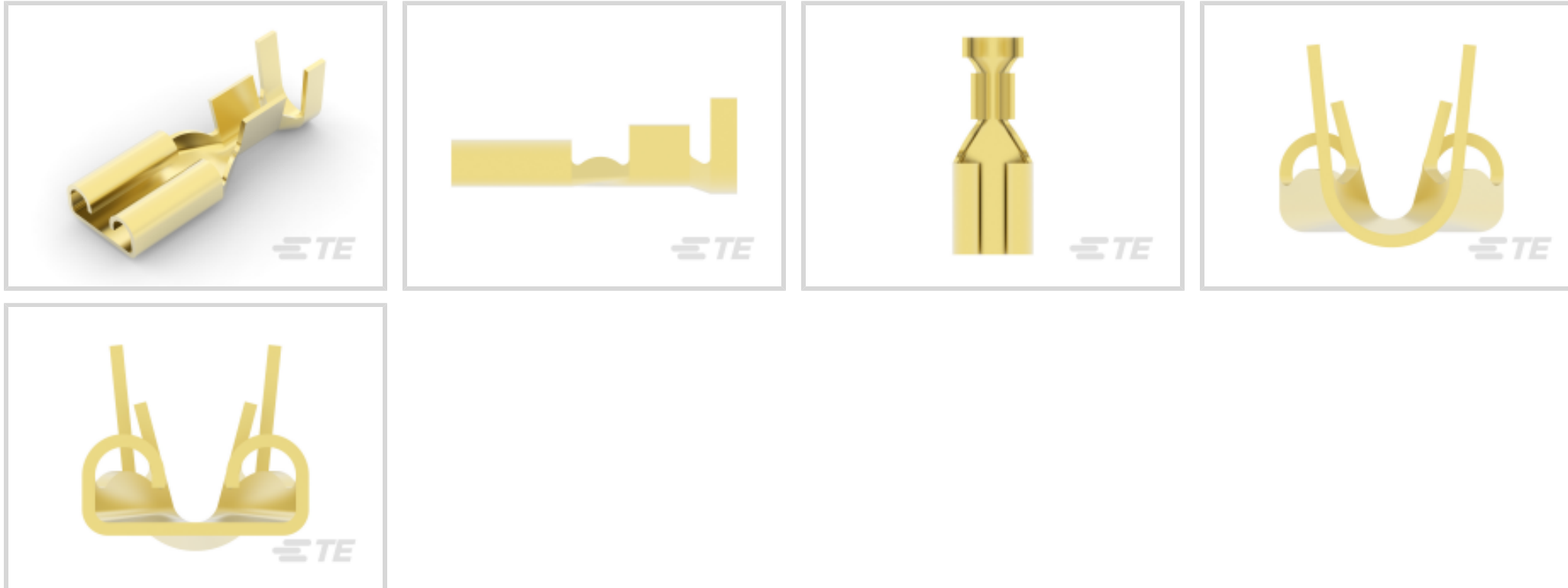
TE Internal #: 170038-1

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

[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	16.41 mm[.646 in]
Compatible Insulation Diameter Range	2.3 – 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	1000
Packaging Method	Loose Piece/Carton

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: JUNE 2024 (241) 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 # 174195-1
250 FASTON HSG.,REC.,1 POS,
NATURAL

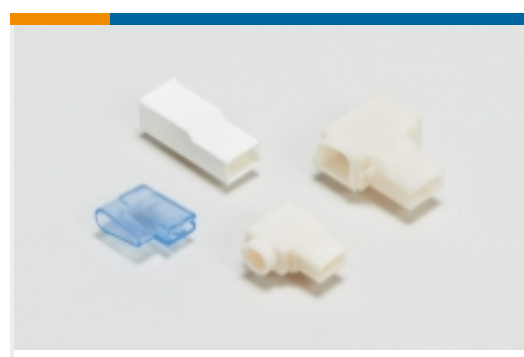


TE Part # 755336-1
DAHT FASTON 22-14 ASSY




TE Part # 174200-1
250 FASTON HSG.,REC.,3 POS,
NATURAL

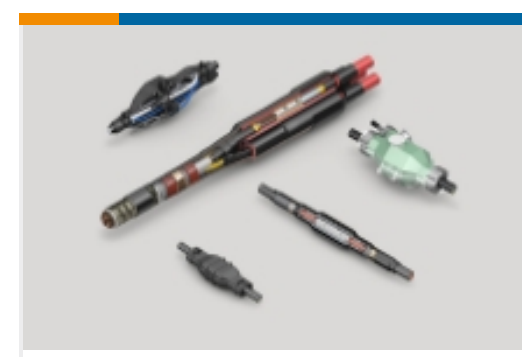
Also in the Series | FASTON 187




Crimp Terminal Housings(41)



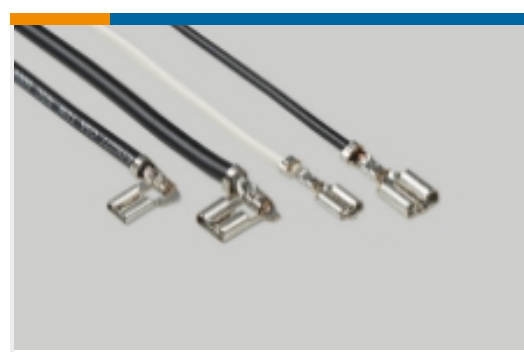
Insertion & Extraction Tools(1)



Joints & Splices(1)



PCB Terminals(42)



Quick Disconnects(208)

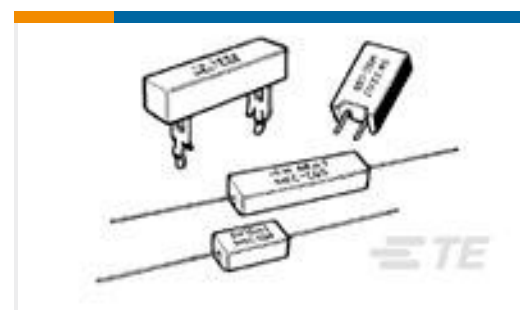


Splices(1)

Customers Also Bought



TE Part #499252-3
026 STRAIN RELIEF A-L RCPT



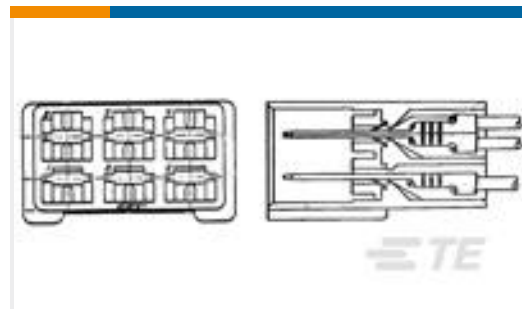
TE Part #1623783-6
SQM7 220R 5% (WIRE)



TE Part #1-1776293-2
TSB23012DS=EUROPA TERM BLK,
8MM



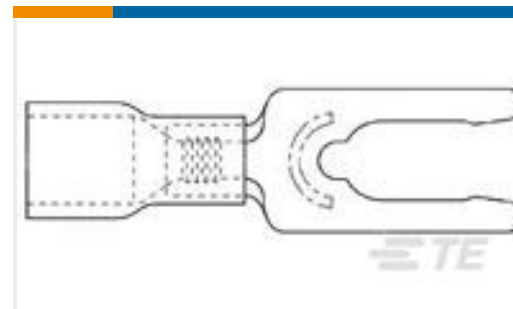
TE Part #1445962-2
CONT,45A PWR PROD,STRIP,TIN
8MM



TE Part #171433-1
FF 250 TAB HSG 6P NYLON NAT



TE Part #2176185-9
CRGH0805 1% 2K2 0.33W



TE Part #52772-1
TERMINAL,BUDG SPR SPD 12-10



TE Part #5-2176341-3
CRGCQ 0805 220K 1%



TE Part #1-1803712-8
CRIMPER, INSULATION O



TE Part #480435-1
187 FASTON HSG. REC 1P NATURAL

Documents

Product Drawings

187 FASTON,REC.,20-16 AWG,BR

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_170038-1_E_c-170038-1-e.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_170038-1_E_c-170038-1-e.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_170038-1_E_c-170038-1-e.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

Instruction Sheets

Instruction Sheet (non U.S.)

Japanese

Agency Approvals

UL Report

English