42452-2 ✔ ACTIVE

FASTON | FASTON 187

TE Internal #: 42452-2

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

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	Tin
Crimp Type	F-Crimp
Barrel Type	Open

Dimensions

Wire Size	.51 – 1.31 mm²
Product Length	16.51 mm[.65 in]
Compatible Insulation Diameter Range	2.29 – 3.3 mm[.09 – .13 in]
Terminal Material Thickness	.3 mm[.012 in]

Packaging Features

Packaging Method	Strip/Reel

Packaging Quantity	20000

Product Type Features

Insertion Force	Normal

Usage Conditions

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

Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant
Line	Premier

Configuration Features

Compatible With Wire & Cable Type	Discrete Wire
Connection Capacity	Single

Termination Features

Product Terminates To	Wire & Cable

Mechanical Attachment

Wire Insulation Support	With
Mating Retention Type	Dimple

Industry Standards

Compatible With Agency/Standards Products	UL, CSA

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

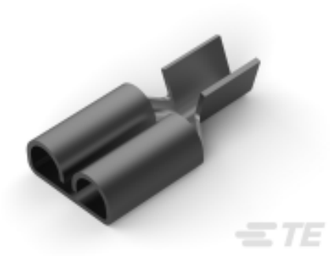
Solder Process Capability

Not applicable for solder process capability

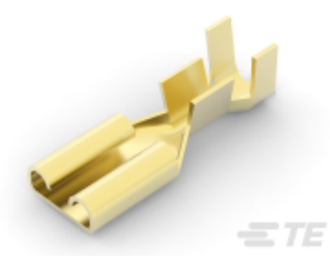
Product Compliance Disclaimer

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 # 42197-2
205 FASTON REC 22-18 AWG TPBR



TE Part # 157440-1
187 FASTON,REC.,20-16 AWG,BR



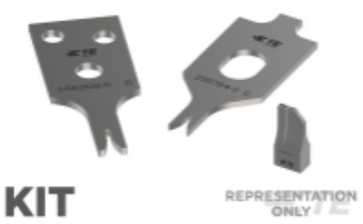
TE Part # 2150007-1
OCEAN_2.0_Applicator-E-090F140F-REM



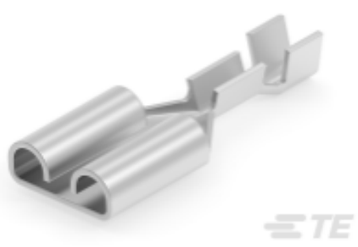
TE Part # 91509-1
CCII FASTON 187 REC 20-16 ASSY



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

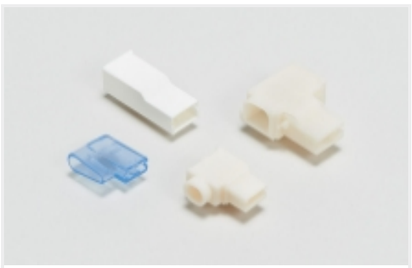


TE Part # 7-2150007-7
OCEAN_2.0_SPARE_PART_KIT-090F140F



TE Part # 60674-1
205 FASTON REC 26-22 AWG TPBR

Also in the Series | FASTON 187



Crimp Terminal Housings(41)



Insertion & Extraction Tools(1)



Joints & Splices(1)



PCB Terminals(42)



Quick Disconnects(207)



Splices(1)

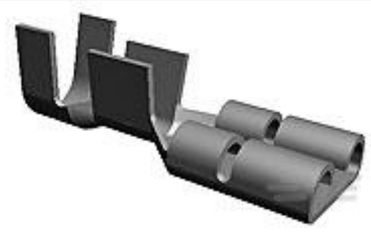
Customers Also Bought



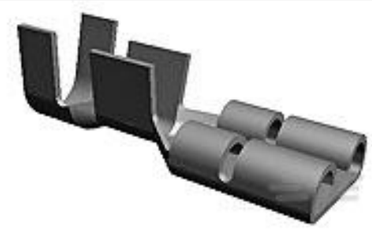
TE Part #521367-2
ULTRA-POD 250 ASSY REC 18-14 AWG TPBR



TE Part #521217-2
ULTRA-POD 250 ASSY TAB 18-14 AWG TPBR



TE Part #63609-2
250 FASTON REC 22-18 AWG TPBR



TE Part #63539-1
250 FASTON REC 14-10 AWG TPBR



TE Part #1969897-1
250 FASTON HSG.,REC.,5 POS,BLACK



TE Part #1-1969529-1
ULTRA-POD 250 ASSEMBLY REC 18-14 AWG BR



TE Part #521599-2
ULTRA-POD 187 ASY REC 18-14 TPBR



TE Part #1969898-1
250 & 187 FASTON HSG.,REC.,4 POS, BLACK



TE Part #2178029-3
3P ST-TIMER GEH V0



TE Part #2238207-3
187 FASTON,REC.,20-16 AWG,TPBR

Documents

Product Drawings

187 FASTON REC 20-16 AWG TPBR

English

CAD Files

Customer View Model

ENG_CVM_CVM_42452-2_CU.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_42452-2_CU.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_42452-2_CU.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

Datasheets & Catalog Pages

FASTIN_FASTON_Product_Line

English

82004 FASTON Terminals (Insulated and Uninsulated) Catalog - FASTON Receptacles Section

English

Product Specifications

Application Specification

English

Agency Approvals

Agency Approval Document

English