

42452-2 ✓ ACTIVE

FASTON | FASTON 187

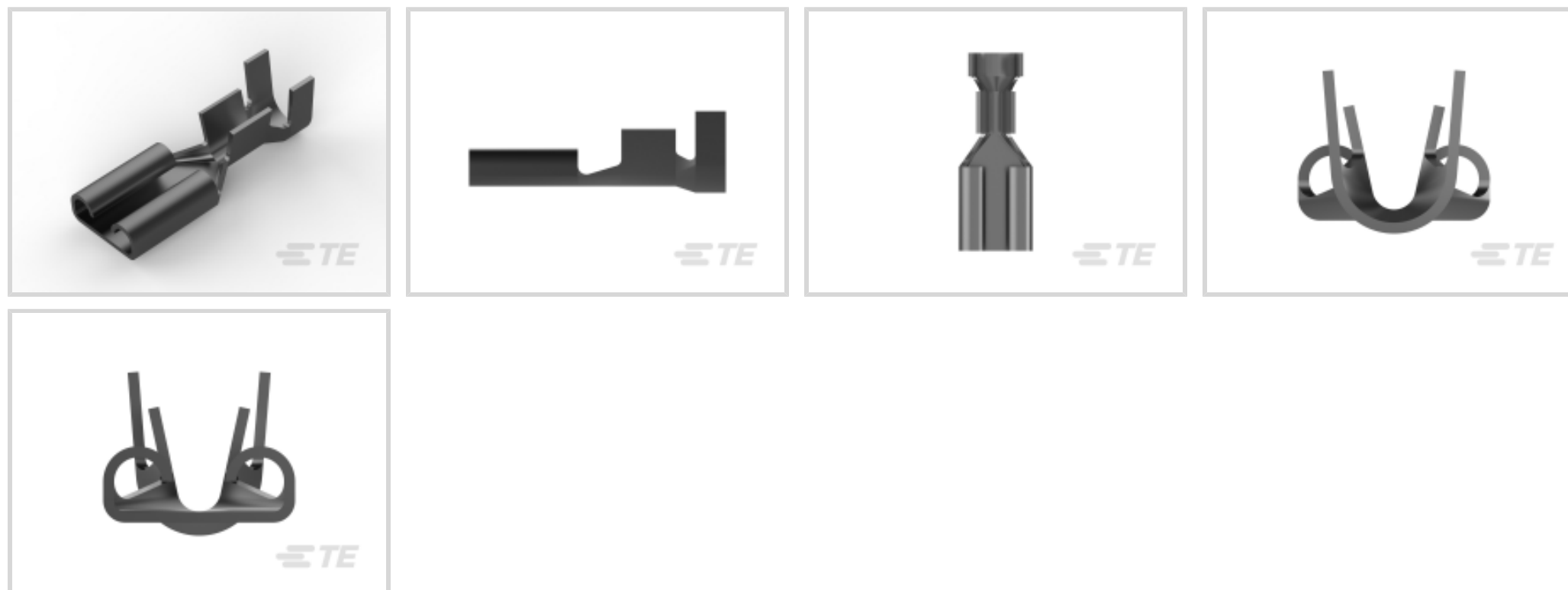
TE Internal #: 42452-2

Quick Disconnect Receptacle, 20 – 16 AWG, .51 – 1.31 mm² Wire,
4.75 mm [.187 in] Tab Width, Straight, Brass, Tin Plating, Strip/Reel,
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 |
|-----------------|--------|

Configuration Features

| | |
|-----------------------------------|---------------|
| Compatible With Wire & Cable Type | Discrete Wire |
| Connection Capacity | Single |

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 |

Termination Features

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|--|--|
| | |
|--|--|



| | |
|-----------------------|--------------|
| Product Terminates To | Wire & Cable |
|-----------------------|--------------|

Mechanical Attachment

| | |
|-------------------------|--------|
| Wire Insulation Support | With |
| Mating Retention Type | Dimple |

Dimensions

| | |
|--------------------------------------|-----------------------------|
| 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] |
| Wire Size | .51 – 1.31 mm ² |

Usage Conditions

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

Industry Standards

| | |
|---|---------|
| Compatible With Agency/Standards Products | CSA, UL |
|---|---------|

Packaging Features

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|--------------------|------------|
| Packaging Quantity | 20000 |
| Packaging Method | Strip/Reel |

Other

| | |
|------|---------|
| Line | Premier |
|------|---------|

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: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) 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 # 60674-1
205 FASTON REC 26-22 AWG TPBR



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



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



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



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

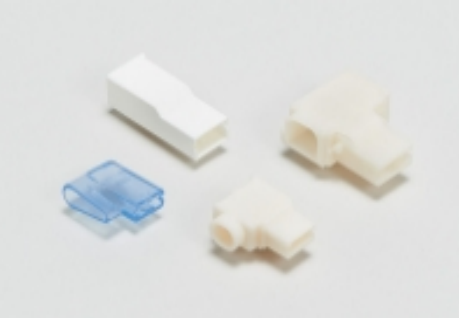


TE Part # 2150007-2
OCEAN_2.0_Applicator-E-090F140F-REA




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

Also in the Series | FASTON 187




Crimp Terminal Housings(40)



Insertion & Extraction Tools(1)



Insulation Boots & Sleeves(1)



Joints & Splices(1)



PCB Terminals(42)

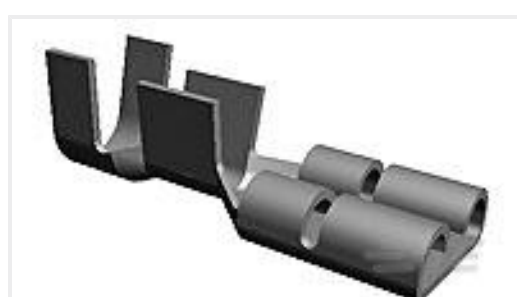
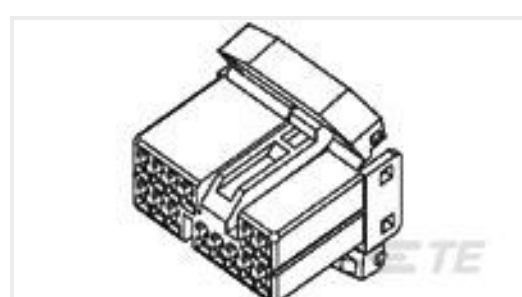


Quick Disconnects(205)



Splices(1)

Customers Also Bought

TE Part #521599-2
ULTRA-POD 187 ASY REC 18-14 TPBRTE Part #1-1969529-1
ULTRA-POD 250 ASSEMBLY REC 18-14 AWG BRTE Part #1969897-1
250 FASTON HSG.,REC.,5 POS,BLACK**CRIMPER** REPRESENTATION ONLYTE Part #1-1803019-4
CRIMPER, INSULATION OTE Part #1969898-1
250 & 187 FASTON HSG.,REC.,4 POS, BLACKTE Part #63539-1
250 FASTON REC 14-10 AWG TPBRTE Part #521367-2
ULTRA-POD 250 ASSY REC 18-14 AWG TPBRTE Part #852743-3
CRIMPER, WIRETE Part #917531-1
040 MLC T.F. PLUG HSG 14P NATUTE Part #2178029-3
3P ST-TIMER GEH V0

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