

1742899-1 ✓ ACTIVE

FASTON | FASTON 187

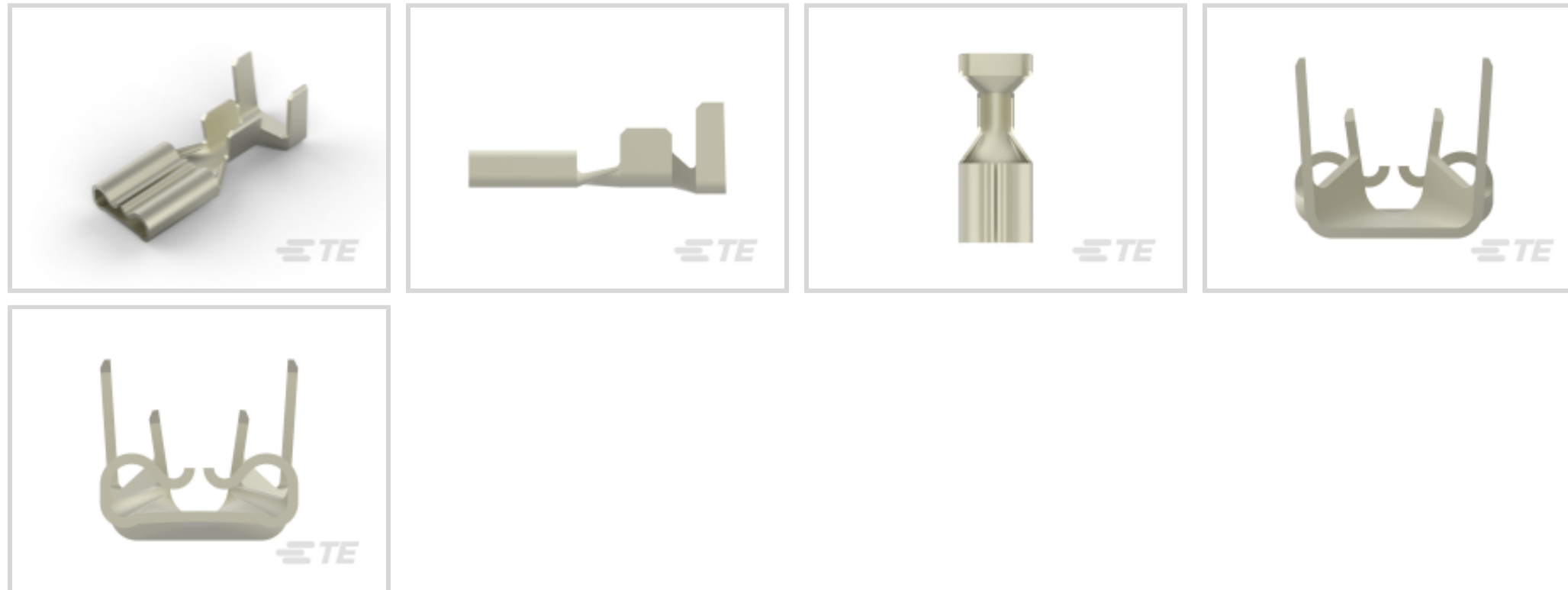
TE Internal #: 1742899-1

Receptacle, 18 – 16 AWG Wire Size, .82 – 1.31 mm² Wire Size,
Mating Tab Width 4.75 mm [.187 in], Straight, Steel, FASTON 187,
Quick Disconnects

[View on TE.com >](#)



Terminals & Splices > Quick Disconnects



Quick Disconnect Terminal Type: **Receptacle**

Wire Size: .82 – 1.31 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 | Steel |
| Terminal Plating Material | Nickel |
| Crimp Type | F-Crimp |
| Barrel Type | Open |

Dimensions

| | |
|--------------------------------------|--------------------------------|
| Wire Size | .82 – 1.31 mm ² |
| Product Length | 15 mm [.59 in] |
| Compatible Insulation Diameter Range | 2.67 – 5.33 mm [.105 – .21 in] |
| Terminal Material Thickness | .3 mm [.012 in] |

Packaging Features

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|------------------|------------|
| Packaging Method | Strip/Reel |
|------------------|------------|



| | |
|--------------------|-------|
| Packaging Quantity | 18000 |
|--------------------|-------|

Product Type Features

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|-----------------|--------|
| Insertion Force | Normal |
|-----------------|--------|

Usage Conditions

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|-------------------|-------------|
| Insulation Option | Uninsulated |
|-------------------|-------------|

| | |
|-----------------------------|----------------------------|
| Operating Temperature Range | -40 – 250 °C[-40 – 482 °F] |
|-----------------------------|----------------------------|

Other

| | |
|--------------------|-----------|
| EU RoHS Compliance | Compliant |
|--------------------|-----------|

| | |
|-------------------|-----------|
| EU ELV Compliance | Compliant |
|-------------------|-----------|

Configuration Features

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|-----------------------------------|---------------|
| Compatible With Wire & Cable Type | Discrete Wire |
|-----------------------------------|---------------|

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|---------------------|--------|
| Connection Capacity | Single |
|---------------------|--------|

Termination Features

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

Mechanical Attachment

| | |
|-------------------------|------|
| Wire Insulation Support | With |
|-------------------------|------|

| | |
|-----------------------|--------|
| Mating Retention Type | Dimple |
|-----------------------|--------|

Industry Standards

| | |
|---|-------------------------------|
| Compatible With Agency/Standards Products | RU (UL Component Program), UL |
|---|-------------------------------|

| | |
|---|-----------|
| Compatible With Approved Standards Products | UL E66717 |
|---|-----------|

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 reviewed 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 # 1-480435-0
FASTON 187 REC HSG NYLON NAT



TE Part # 2150055-1
OCEAN_2.0_Applicator-E-100F210F-REM



TE Part # 2150055-2
OCEAN_2.0_Applicator-E-100F210F-REA




TE Part # 7-2150055-7
OCEAN_2.0_SPARE_PART_KIT-100F210F




TE Part # 480435-2
187 FASTON HSG. REC 1P BLACK


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 #63696-1
187 FASTON REC 20-16 AWG NPST



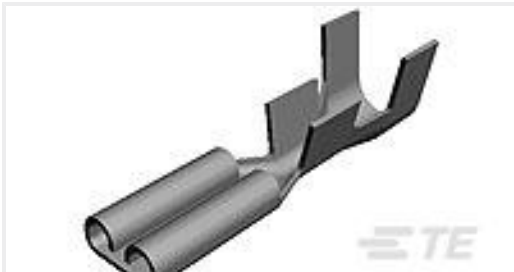
TE Part #350865-1
01P UMNL PLUG HSG



TE Part #63674-1
250 FASTON REC 18-14 AWG NPST



TE Part #350538-1
UMNL PIN 20-14 .0126 PTPBR



TE Part #62050-1
110 FASTON REC 20-16 AWG TPBR



TE Part #63963-1
250 FASTON FLAG REC 18-14 AWG NPST



TE Part #1742594-1
205 FASTON,REC.,18-14 AWG,NPST



TE Part #521225-2
ULTRA POD: Straight, Receptacle Assembly, Tin Plated, .187 inch



TE Part #1742350-1
PIN 2.08 DIA 22-18AWG TPBR

Documents

Product Drawings

[187 FASTON,REC.,18-16 OR 2X18 AWG,NPST](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_1742899-1_B.2d_dxf.zip](#)



English

Customer View Model

[ENG_CVM_CVM_1742899-1_B.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1742899-1_B.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages

[1-1773948-2 Standard Line FASTON Receptacles QRG](#)

English

[Introductory Flyer - Low Insertion Force FASTON Terminals](#)

English

Product Specifications

[Application Specification](#)

English