

170089-2 ✓ ACTIVE

FASTIN-FASTON | FASTIN-FASTON 250

TE Internal #: 170089-2

FASTIN-FASTON 250, Quick Disconnects, Receptacle, 14 – 12AWG

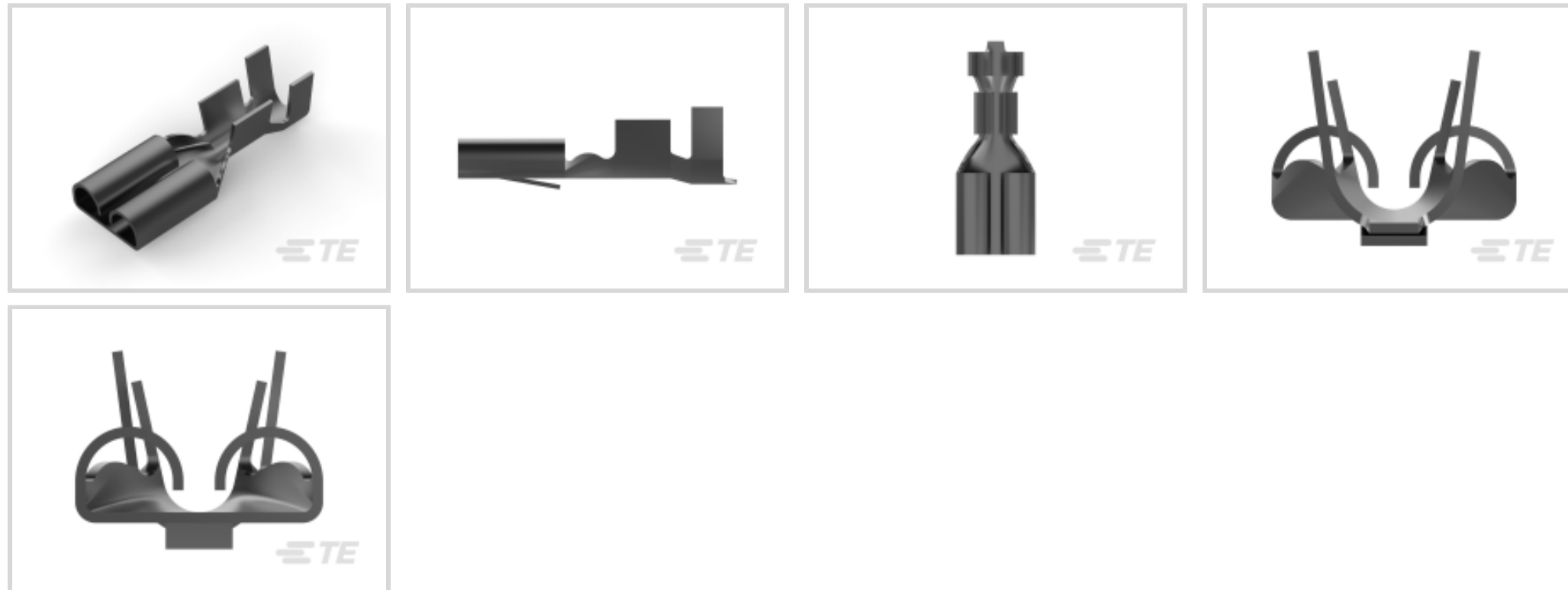
Wire Size, 2.1 – 3.31mm² Wire Size, Quick Disconnect Mating Tab

Width .25 in [6.35 mm]

[View on TE.com >](#)



Terminals & Splices > Quick Disconnects



Terminal & Splice Type: **Receptacle**

Wire Size: **2.1 – 3.31 mm²**

Quick Disconnect Mating Tab Width: **6.35 mm [.25 in]**

Quick Disconnect Mating Tab Thickness: **.81 mm [.032 in]**

Features

Product Type Features

| | |
|----------------------------------|--------------|
| Wire Stop | No |
| Wire/Cable Type | Regular Wire |
| Terminates To | Wire & Cable |
| Quick Disconnect Insertion Force | Normal |
| Sealable | No |
| Insulated | No |

Configuration Features

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

Body Features

| | |
|-----------------------------------|-----|
| Fully Insulated | No |
| Quick Disconnect Plating Material | Tin |

Contact Features

| | |
|------------------------|------------|
| Terminal Type | Receptacle |
| Terminal & Splice Type | Receptacle |



| | |
|---------------------------------------|----------|
| Quick Disconnect Terminal Orientation | Straight |
| Contact Base Material | Brass |
| Crimp Type | F-Crimp |
| Barrel Type | Open |

Mechanical Attachment

| | |
|-------------------------|---------------|
| Mating Retention Type | Locking Lance |
| Locking Lance Height | .8 mm |
| Wire Insulation Support | With |

Dimensions

| | |
|--|------------------------------|
| Accepts Wire Insulation Diameter Range | 2.9 – 3.8 mm [.114 – .15 in] |
| Overall Length | 21.5 mm [.846 in] |
| Receptacle Terminal Stock Thickness | .33 mm [.013 in] |
| Wire Size | 2.1 – 3.31 mm ² |
| Quick Disconnect Mating Tab Width | 6.35 mm [.25 in] |
| Quick Disconnect Mating Tab Thickness | .81 mm [.032 in] |

Usage Conditions

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

Packaging Features

| | |
|-----------------------------------|------------|
| Packaging Quantity | 4000 |
| Quick Disconnect Packaging Method | Strip/Reel |

Product Compliance

For compliance documentation, visit the product page on [TE.com](https://www.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: JUL 2021 (219) Candidate List Declared Against: JAN 2021 (211) SVHC > Threshold: Not Yet Reviewed |
| 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 # 170303-1
FF 250 REC 22-18AWG BR WITH LATCH



TE Part # 2-2150533-1
OCEAN_2.0_Applicator-E-130F180F



TE Part # 2-2150533-2
OCEAN_2.0_Applicator-E-130F180F



TE Part # 2-2150534-1
OC-PA-E-FM-109F154OV-059-1104



TE Part # 2-2150534-2
OC-PA-E-FA-109F154OV-059-1104



TE Part # 2150533-1
OCEAN_2.0_Applicator-E-130F180F



TE Part # 2150533-2
OCEAN_2.0_Applicator-E-130F180F



TE Part # 2150534-1
OC-AT-E-FM-109F154OV-059-1104



TE Part # 2150534-2
OC-AT-E-FA-109F154OV-059-1104



TE Part # 2819183-1
.250 SERIES FASTIN FASTON REC.



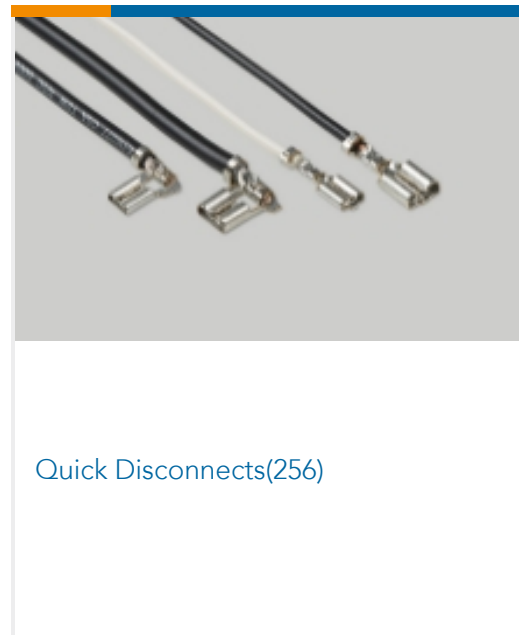
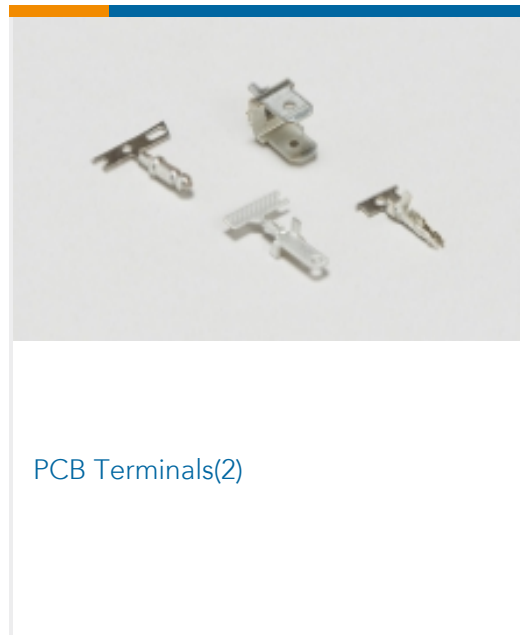
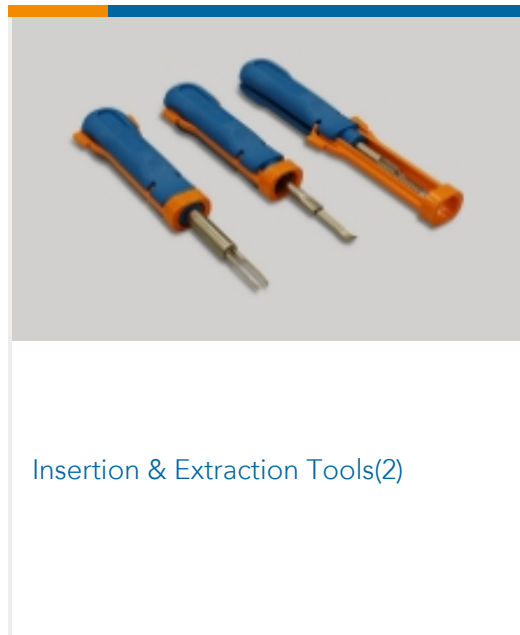
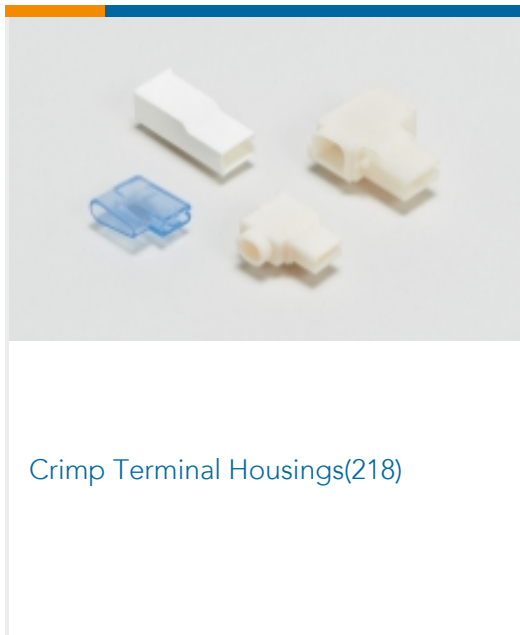
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OCEAN_2.0_Applicator-E-130F180F



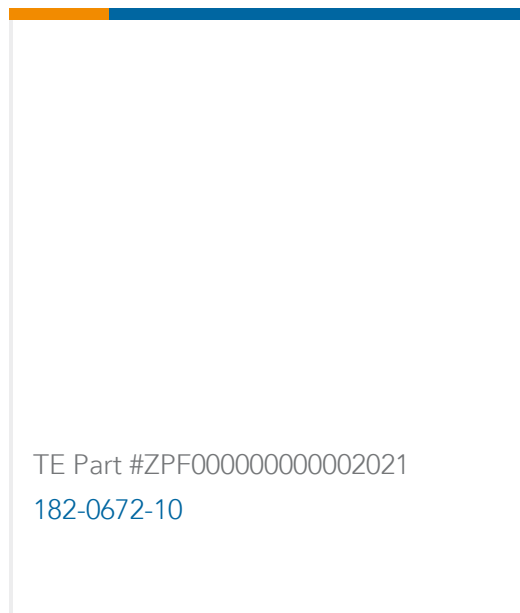
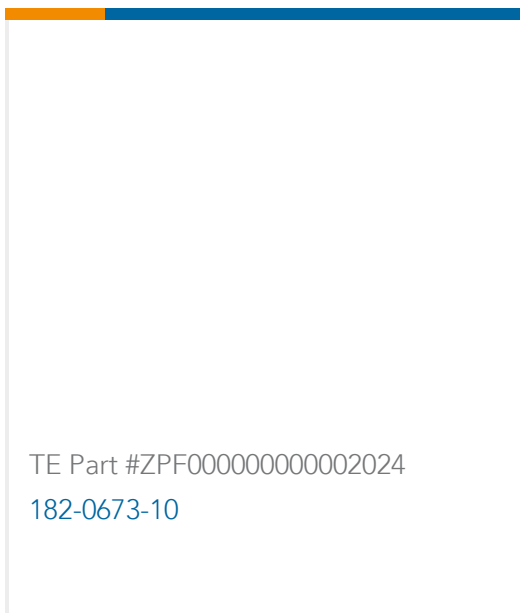
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OCEAN_2.0_Applicator-E-130F180F



Also in the Series | **FASTIN-FASTON 250**



Customers Also Bought





Documents

Product Drawings

FF 250 REC 14-12AWG TPBR

Japanese

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_170089-2_P_c-170089-2-p.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_170089-2_P_c-170089-2-p.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_170089-2_P_c-170089-2-p.3d_stp.zip](#)

English

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Product Specifications

Crimping of 250 Series Tab and Receptacle Contacts

Japanese

Application Specification

Japanese

Application Specification

Japanese

Crimping of 250 Series Tab and Receptacle Contacts

Japanese

Agency Approvals

UL Report

English

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

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