

170031-1 ✓ ACTIVE

FASTIN-FASTON | FASTIN-FASTON 250

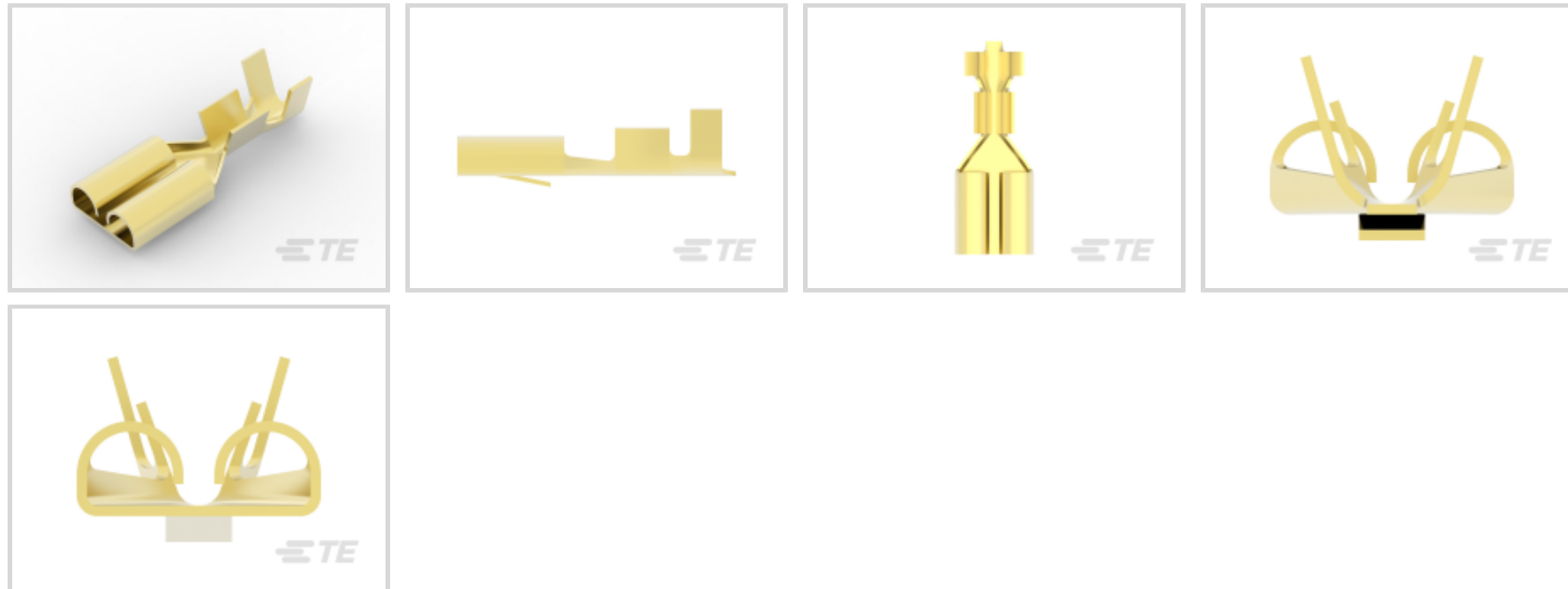
TE Internal #: 170031-1

Quick Disconnects, Receptacle, 20 – 14 AWG Wire Size, .51 – 2.08 mm<sup>2</sup> Wire Size, Mating Tab Width 6.35 mm [.25 in], Straight, Brass, FASTIN-FASTON 250

[View on TE.com >](#)



Terminals & Splices > Quick Disconnects



Quick Disconnect Terminal Type: **Receptacle**

Wire Size: .51 – 2.08 mm<sup>2</sup>

Mating Tab Width: 6.35 mm [.25 in]

Mating Tab Thickness: .81 mm [.032 in]

## Features

### Product Type Features

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

### Configuration Features

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

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

### Contact Features

Quick Disconnect Terminal Type	Receptacle
--------------------------------	------------

Mating Tab Width	6.35 mm [.25 in]
------------------	------------------

Mating Tab Thickness	.81 mm [.032 in]
----------------------	------------------

Terminal Orientation	Straight
----------------------	----------

Contact Base Material	Brass
-----------------------	-------

Terminal Plating Material	Unplated
---------------------------	----------

Crimp Type	F-Crimp
------------	---------

Barrel Type	Open
-------------	------

### Termination Features



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

### Mechanical Attachment

Extraction Force	4.9 – 34.3 Newton
Locking Lance Height	.93 mm
Wire Insulation Support	With
Mating Retention Type	Locking Lance

### Dimensions

Terminal Material Thickness	.33 mm[.013 in]
Product Length	21.5 mm[.846 in]
Compatible Insulation Diameter Range	2.2 – 3.4 mm[.086 – .134 in]
Wire Size	.51 – 2.08 mm <sup>2</sup>

### Usage Conditions

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

### Industry Standards

Agency/Standard	CSA, UL
-----------------	---------

### Packaging Features

Packaging Quantity	6000
Packaging Method	Strip/Reel

### Other

Terminals & Splices Comment	With lance.
-----------------------------	-------------

## 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 2023 (235) Candidate List Declared Against: JUNE 2023 (235) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC

Free


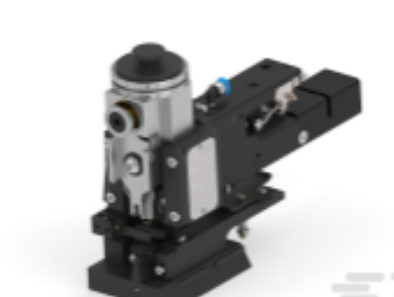
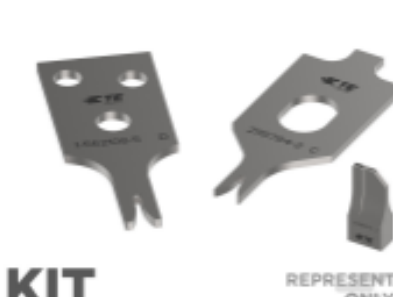
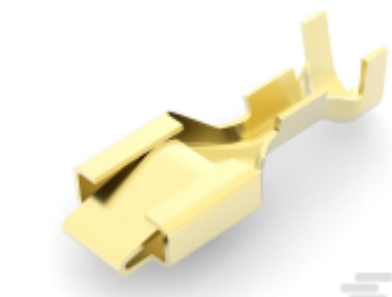
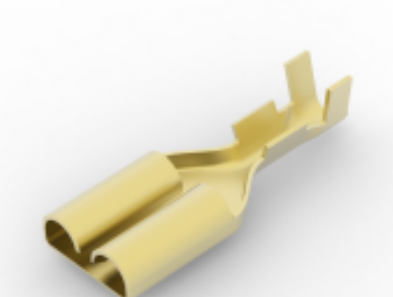






Solder Process Capability

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

 <p>TE Part # 1989879-1 .250 SRS FASTIN-ON REC.</p>	 <p>TE Part # 2150034-1 OCEAN_2.0_APPLICATOR-E-110F180F</p>	 <p>TE Part # 7-2150034-7 OCEAN_2.0_SPARE_PART_KIT-110F180F</p>	 <p>TE Part # 640841-1 BLADE REC 250 20-16AWG BR</p>
 <p>TE Part # 170303-1 FF 250 REC 22-18AWG BR WITH LATCH</p>	 <p>TE Part # 2150034-2 OCEAN_2.0_APPLICATOR-E-110F180FA</p>	 <p>TE Part # 2819183-1 .250 SERIES FASTIN FASTON REC.</p>	 <p>TE Part # 7-2150034-1 OCEAN_2.0_APPLICATOR-E-110F180F</p>
 <p>TE Part # 7-2150034-2 OCEAN_2.0_APPLICATOR-E-110F180FA</p>	 <p>TE Part # 2-2150034-1 OCEAN_2.0_APPLICATOR-E-110F180F</p>	 <p>TE Part # 2-2150034-2 OCEAN_2.0_APPLICATOR-E-110F180FA</p>	

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



Crimp Terminal Housings(211)



Insertion &amp; Extraction Tools(2)

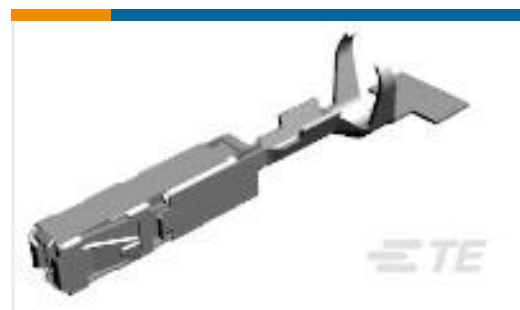
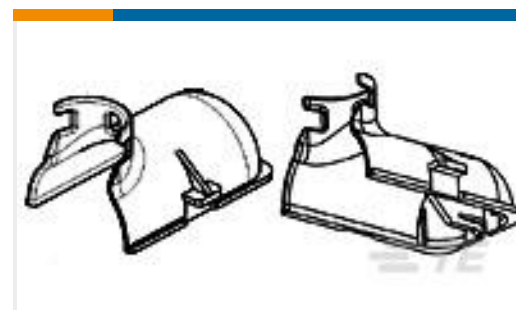


PCB Terminals(2)



Quick Disconnects(254)

## Customers Also Bought

TE Part #3-1355136-3  
MQS1,5AUFNAHMGEH94PTE Part #170340-1  
FF 250 TAB 20-14AWG BR WITHOUT LATCHTE Part #737107-1  
110 FASTON REC 20-17 AWG BRTE Part #176143-2  
187 CAP HSG ASSY 2P BLACKTE Part #590760-000  
ES-CAP-HW-NO.3-0-45MM-STTE Part #1534160-1  
AMP MCP 1.5K, CONTACT, SWSTE Part #1394908-3  
SHIELD, 180 DEG., 60POSN. RECETE Part #1394909-2  
SHIELD, 180 DEG., 94POSN. RECEPTACLE HSGTE Part #31256  
TERMINAL,DG R 16-14 1/4TE Part #4-146507-0  
80 MODII HDR DRST UNSHRD STKG

## Documents

### CAD Files

[3D PDF](#)

[3D](#)

### Customer View Model

[ENG\\_CVM\\_CVM\\_170031-1\\_AF.2d\\_dxf.zip](#)

English

### Customer View Model

[ENG\\_CVM\\_CVM\\_170031-1\\_AF.3d\\_igs.zip](#)



English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_170031-1\\_AF.3d\\_stp.zip](#)

English

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

---

**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

---

**Product Environmental Compliance**

[TE Material Declaration](#)

English