

170015-1 ✓ ACTIVE

FASTIN-FASTON | FASTIN-FASTON 110

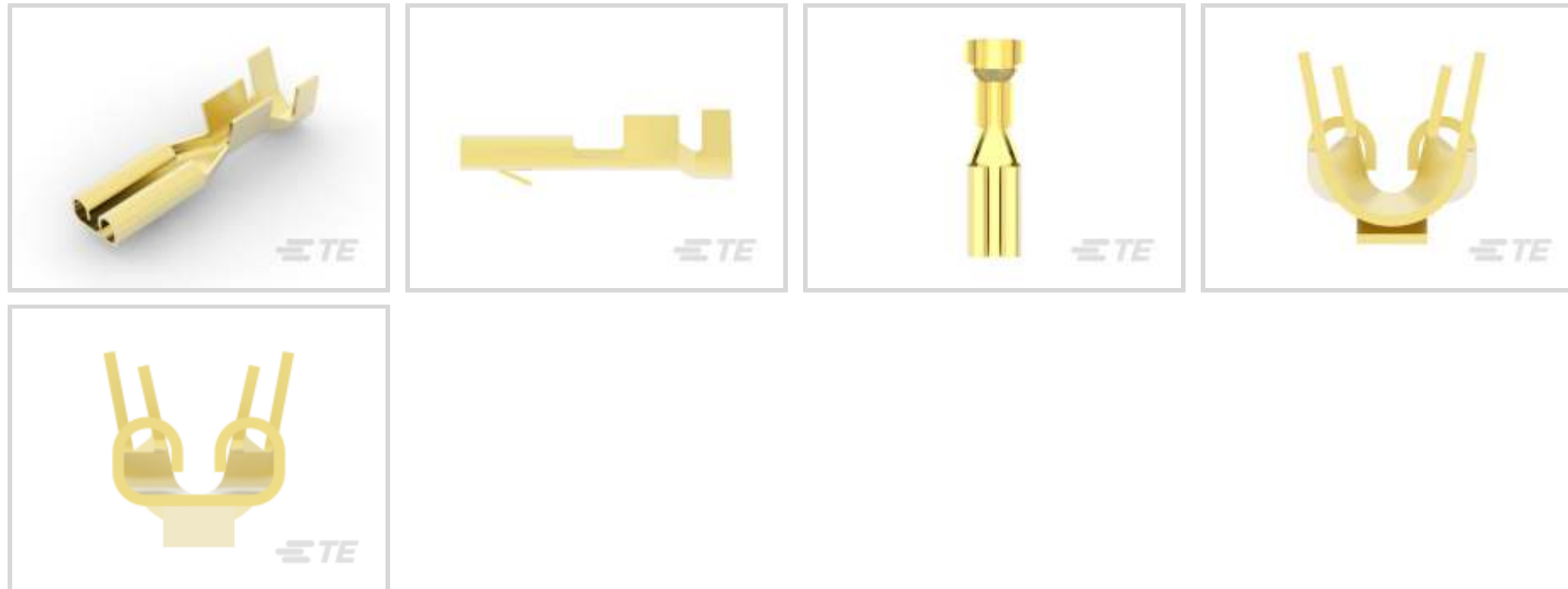
TE Internal #: 170015-1

Quick Disconnects, Receptacle, 20 – 16 AWG Wire Size, .51 – 1.31 mm<sup>2</sup> Wire Size, Mating Tab Width 2.8 mm [.11 in], Straight, Brass, FASTIN-FASTON 110

[View on TE.com >](#)



Terminals & Splices > Quick Disconnects



Quick Disconnect Terminal Type: **Receptacle**

Wire Size: **.51 – 1.31 mm<sup>2</sup>**

Mating Tab Width: **2.8 mm [.11 in]**

Mating Tab Thickness: **.51 mm [.02 in]**

## Features

### Product Type Features

Insertion Force	Normal
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### Configuration Features

Connection Capacity	Single
Compatible With Wire & Cable Type	Discrete Wire

### Contact Features

Quick Disconnect Terminal Type	Receptacle
Mating Tab Width	2.8 mm [.11 in]
Mating Tab Thickness	.51 mm [.02 in]
Terminal Orientation	Straight
Contact Base Material	Brass
Terminal Plating Material	Unplated
Crimp Type	F-Crimp
Barrel Type	Open

### Termination Features

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Product Terminates To	Wire & Cable
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### Mechanical Attachment

Extraction Force	3.9 Newton
Locking Lance Height	.9 mm
Wire Insulation Support	With
Mating Retention Type	Locking Lance

### Dimensions

Terminal Material Thickness	.51 mm[.02 in]
Product Length	16.9 mm[.665 in]
Compatible Insulation Diameter Range	2.01 – 3 mm[.079 – .118 in]
Wire Size	.51 – 1.31 mm <sup>2</sup>

### Usage Conditions

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

### Packaging Features

Packaging Quantity	10000
Packaging Method	Strip/Reel

### 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: JAN 2023 (233) 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 # 1989879-1  
 .250 SRS FASTIN-ON REC.



TE Part # 63521-1  
 FF 187 REC 20-16AWG TPBR



TE Part # 170268-2  
 FF 375 REC 6-10MM2 TPBR



TE Part # 170801-4  
 FF 110 REC HSG 4P NYLON NATURAL



TE Part # 2-2150835-1  
 OCEAN\_2.0\_APPLICATOR-E-080F120F



TE Part # 2-2150835-2  
 OCEAN\_2.0\_APPLICATOR-E-080F120F



TE Part # 2150835-1  
 OCEAN\_2.0\_APPLICATOR-E-080F120F



TE Part # 2150835-2  
 OCEAN\_2.0\_APPLICATOR-E-080F120F



TE Part # 63580-1  
 FF 125 REC 22-18AWG TPBR




**KIT**  
 REPRESENTATION ONLY

TE Part # 7-2150835-7  
 OCEAN\_2.0\_SPARE\_PART\_KIT-080F120F




TE Part # 466227-1  
 HDM EMPO080F120FT

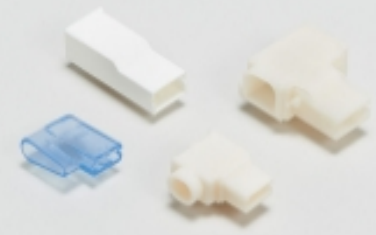
## Also in the Series | FASTIN-FASTON 110




Automotive Housings(6)



Automotive Terminals(5)



Crimp Terminal Housings(34)



Insertion & Extraction Tools(3)



Quick Disconnects(83)

### Customers Also Bought



TE Part #61336-1  
RING 16-14 AWG TPBR



TE Part #62137-2  
187 FASTON REC 20-16 TPBR



TE Part #881257-3  
MAG-MATE TERMINAL



TE Part #2-33459-6  
TERMINAL,SOLIS R 12-10 5/16



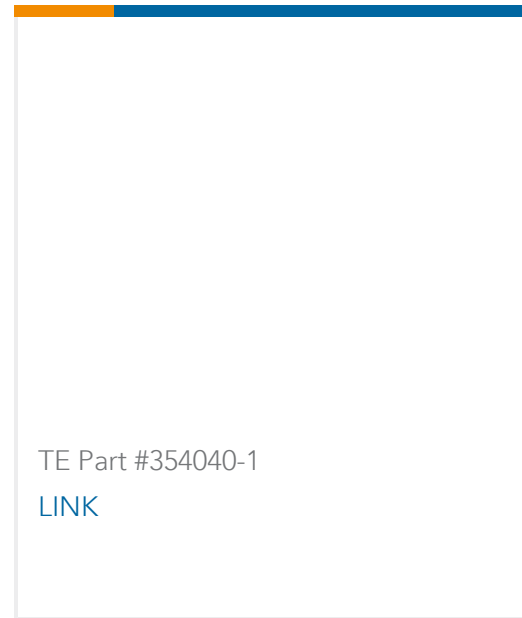
TE Part #170801-4  
FF 110 REC HSG 4P NYLON NATURAL



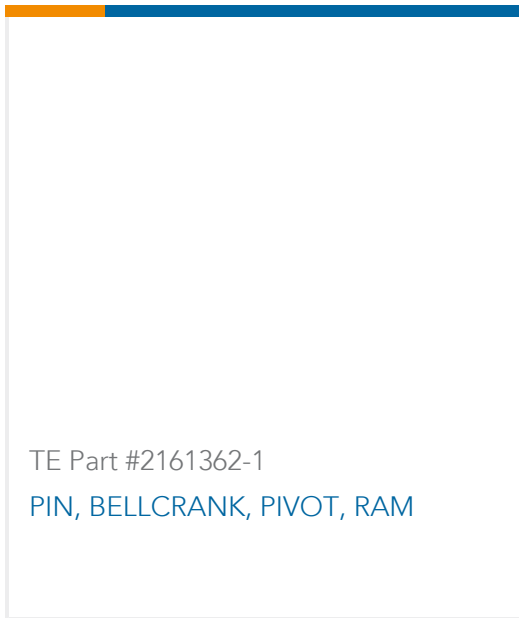
TE Part #60487-2  
187 FASTON REC 18-16 AWG TPBR



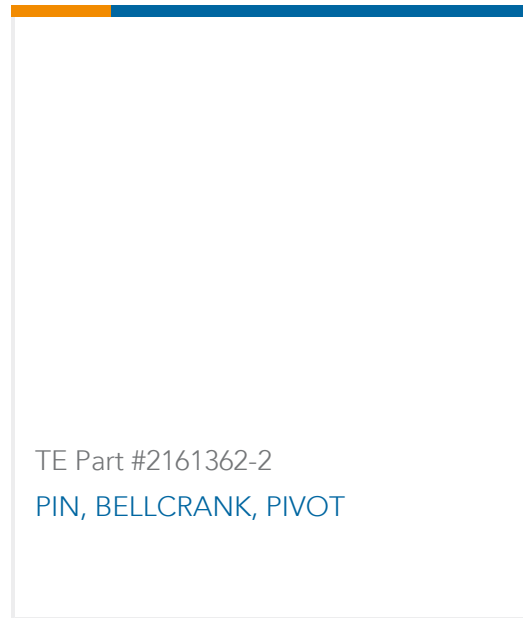
TE Part #2161369-1  
PIN, PIVOT



TE Part #354040-1  
LINK



TE Part #2161362-1  
PIN, BELLCRANK, PIVOT, RAM



TE Part #2161362-2  
PIN, BELLCRANK, PIVOT

### Documents

#### Product Drawings

[FF 110 REC 20-16AWG BR](#)

English

#### CAD Files

[3D PDF](#)

[3D](#)

#### Customer View Model

[ENG\\_CVM\\_CVM\\_170015-1\\_AD.2d\\_dxf.zip](#)



English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_170015-1\\_AD.3d\\_igs.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_170015-1\\_AD.3d\\_stp.zip](#)

English

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**Product Specifications**

**Product Specification**

English

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**Product Environmental Compliance**

[MD\\_170015-1\\_05312018105\\_dmtec](#)

English

[MD\\_170015-1\\_05312018105\\_dmtec](#)

English