



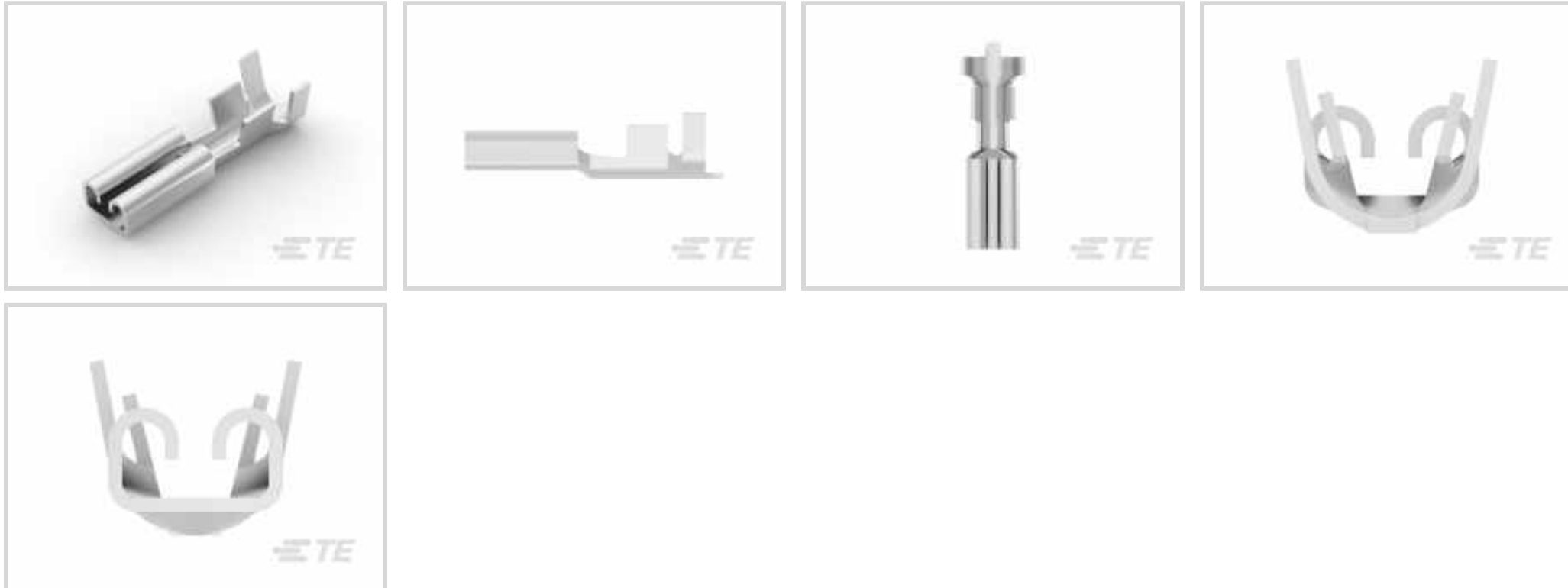
**FASTON | FASTON 110**

TE Internal #: 180439-2

FASTON 110, Quick Disconnects, Receptacle, 20 – 15 AWG, .51 – 1.65 mm<sup>2</sup>, Mating Tab Width 2.8 mm [.11 in], Mating Tab Thickness .81 mm [.032 in]

[View on TE.com >](#)

Terminals & Splices > Quick Disconnects



Terminal & Splice Type: **Receptacle**

Wire Size: .51 – 1.65 mm<sup>2</sup>

Mating Tab Width: 2.8 mm [.11 in]

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

**Features**

**Product Type Features**

Wire Stop	No
Wire/Cable Type	Regular Wire
Terminates To	Wire & Cable
Sealable	No
Insulated	No

**Configuration Features**

Connection Capacity	Single
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**Body Features**

Fully Insulated	No
Plating Material	Tin

**Contact Features**

Terminal Type	Receptacle
Terminal & Splice Type	Receptacle
Terminal Orientation	Straight



Contact Base Material	Brass
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Crimp Type	F-Crimp
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Barrel Type	Open
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### Mechanical Attachment

Mating Retention Type	Dimple
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Extraction Force	60 Newton
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Wire Insulation Support	With
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### Dimensions

Accepts Wire Insulation Diameter Range	1.5 – 2.8 mm [.059 – .11 in]
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Overall Length	13.5 mm [.531 in]
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Receptacle Terminal Stock Thickness	.3 mm [.012 in]
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Wire Size	.51 – 1.65 mm <sup>2</sup>
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Mating Tab Width	2.8 mm [.11 in]
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Mating Tab Thickness	.81 mm [.032 in]
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### Usage Conditions

Operating Temperature Range	-40 – 110 °C [-40 – 230 °F]
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### Industry Standards

UL Rating	Listed
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### Packaging Features

Packaging Quantity	500
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Packaging Method	Loose Piece/Carton
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### Other

Line	FASTON .110
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### Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2020 (205) Candidate List Declared Against: JAN 2020 (205)
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Does not contain REACH SVHC

EU REACH Regulation (EC) No. 1907/2006

Current ECHA Candidate List: JAN 2020 (205)

Candidate List Declared Against: JAN 2020 (205)

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 Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles' (Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

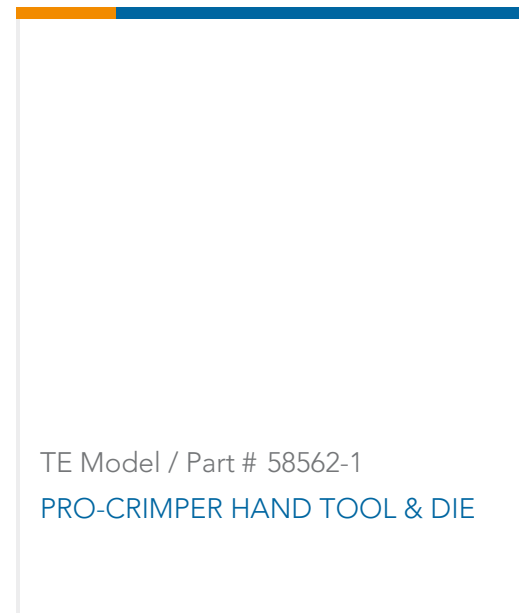
## Compatible Parts



TE Model / Part # 2217481-1  
KIT, BTLI, SDE CLOSED HEAD




TE Model / Part # 2217481-2  
KIT, BTLI, SDE CLOSED HEAD




TE Model / Part # 58562-1  
PRO-CRIMPER HAND TOOL & DIE


## Also in the Series | FASTON 110



Crimp Terminal Housings(17)



PCB Terminals(22)



Quick Disconnects(182)

## Customers Also Bought



TE Model / Part #9-1625984-9  
HSA50 R56 5%



TE Model / Part #ZPF000000000018253  
FDBA 50-16-26 PY-K-A246



TE Model / Part #ZPF000000000019406  
FDBA 56-16-26 SW-K-A246



TE Model / Part #3-826468-6  
36P MOD II SHROUDED HEADER, RT ANG.



TE Model / Part #36199  
BUDGET RING 16-14 HD 1/2



TE Model / Part #281021-2  
2X18P MODU II SHRDR HDR, RT ANG, AU



TE Model / Part #3-826467-6  
36P MOD II SHROUDED HEADER, ST



TE Model / Part #3-926475-0  
MOD 4 HSG



TE Model / Part #3-926476-0  
MOD 4 HSG



TE Model / Part #ZPF000000000095955  
FDBA 50-14-15 PN-K-B246

## Documents

### Product Drawings

#### 110 SRS FASTON REC

English

### CAD Files

#### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_180439-2\\_F.2d\\_dxf.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_180439-2\\_F.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_180439-2\\_F.3d\\_stp.zip](#)

English

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



## Product Specifications

### .110,.187 & 250 Series FASTON Terminals

English

### Product Specification

English