

# FASTON 375 REC 1.0-2.5 MM2 0.5 X 27.0 BR ✓ ACTIVE

FASTON | FASTON 375

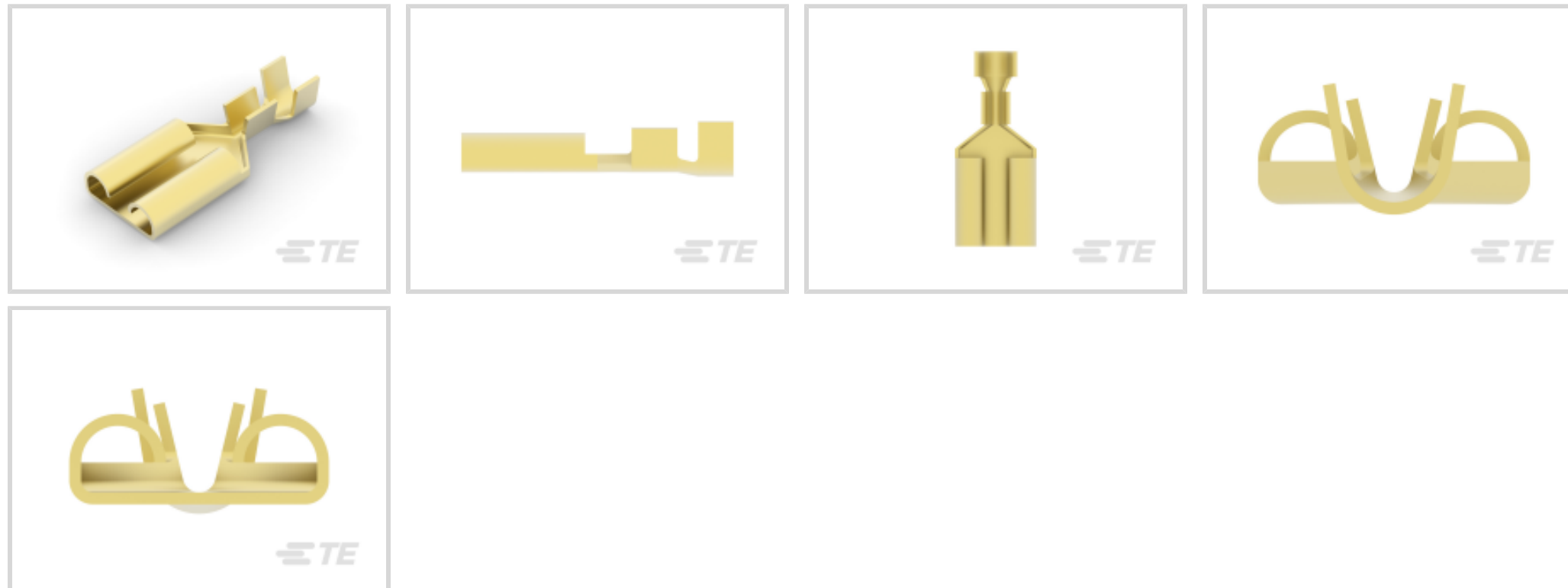
TE Part # 160866-2

TE Internal #: 160866-2

[View on TE.com >](#)



Terminals & Splices > Quick Disconnects



Terminal & Splice Type: **Receptacle**

Wire Size: 1.03 – 2.62 mm<sup>2</sup>

Mating Tab Width: 9.53 mm [ .375 in ]

Mating Tab Thickness: 1.22 mm [ .048 in ]

## Features

### Product Type Features

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

### Configuration Features

Connection Capacity	Single
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### Electrical Characteristics

Voltage (Max)	250 V
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### Body Features

Fully Insulated	No
Plating Material	Unplated

### Contact Features

Terminal Type	Receptacle
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Terminal & Splice Type	Receptacle
Terminal Orientation	Straight
Contact Base Material	Brass
Crimp Type	F-Crimp
Barrel Type	Open

### Mechanical Attachment

Mating Retention Type	Dimple
Extraction Force	100 Newton
Wire Insulation Support	With

### Dimensions

Accepts Wire Insulation Diameter Range	2.4 – 3.7 mm [.094 – .146 in]
Overall Length	28.4 mm [1.118 in]
Receptacle Terminal Stock Thickness	.51 mm [.02 in]
Wire Size	1.03 – 2.62 mm <sup>2</sup>
Mating Tab Width	9.53 mm [.375 in]
Mating Tab Thickness	1.22 mm [.048 in]

### Usage Conditions

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

UL Rating	Listed
CSA Certified	Yes

### Packaging Features

Packaging Quantity	1800
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: JAN 2019 (197)



Candidate List Declared Against: JAN 2019  
(197)

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 Part # 2-2150678-2  
OC-PA-E-FA-120F180F-001-0046



TE Part # 2150678-2  
OC-AT-E-FA-120F180F-001-0046



TE Part # 7-2150678-7  
OC-120F180F-CRIMPTOOLINGKIT

### Also in the Series | FASTON 375




Crimp Terminal Housings  
(2)



Insulation Boots & Sleeves  
(1)



PCB Terminals(1)



Quick Disconnects(12)

### Customers Also Bought



TE Part #2-1579018-5  
EXTRACTION TOOL



TE Part #2151123-2  
OCEAN\_2.0\_APPLICATOR-  
S-062F1300A



TE Part #2836520-1  
OCEAN\_2.0\_APPLICATOR-  
S-041F0490



TE Part #3-1333204-4  
ANVIL, COMBINATION .  
080



TE Part #7-1490019-1  
CRIMPER, WIRE (.085" 'F')



TE Part #7-2266460-7  
OCEAN\_2.  
0\_SPARE\_PART\_KIT-  
085F100OV



TE Part #928947-4  
FF FLACHST MIF 6,3



TE Part #1625999-4  
HSC100 12R4 5%

## Documents

### Product Drawings

[FASTON 375 REC 1.0-2.5 MM2 0.5 X 27.0 BR](#)

### CAD Files

Customer View Model

[ENG\\_CVM\\_CVM\\_160866-2\\_F.2d\\_dxf.zip](#)

English

### 3D PDF

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_160866-2\\_F.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_160866-2\\_F.3d\\_stp.zip](#)

English

### Product Specifications

[Application Specification](#)

English

[Title not available for initial StarTEC data load](#)

English

### Product Environmental Compliance

[TE Material Declaration](#)

English