

174777-1 ✓ ACTIVE

Positive Lock | Positive Lock 110

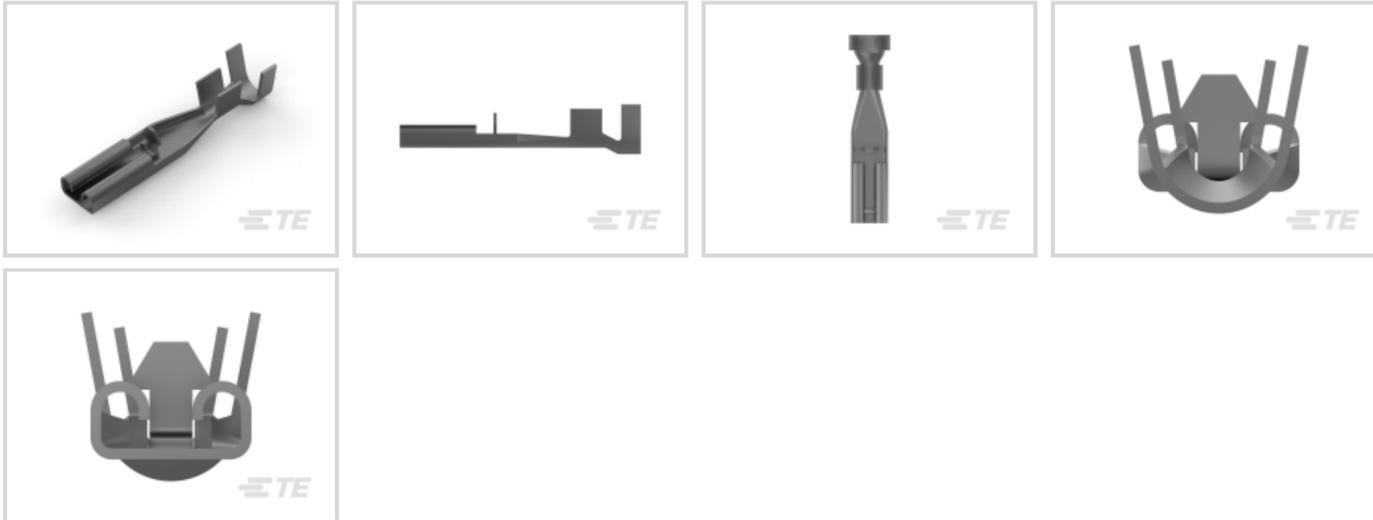
TE Internal #: 174777-1

Quick Disconnect Receptacle, Uninsulated, 20 – 16 AWG, .51 – 1.31 mm<sup>2</sup> Wire, 2.8 mm [.11 in] Tab Width, F-Crimp, Straight, Brass, Positive Lock 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	Low
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### Configuration Features

Compatible With Wire & Cable Type	Discrete Wire
Connection Capacity	Single

### 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	Pre-Tin
Crimp Type	F-Crimp
Barrel Type	Open

### Termination Features

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Product Terminates To	Wire & Cable
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### Mechanical Attachment

Wire Insulation Support	With
Mating Retention Type	Dimple
Extraction Force	.7 – 10.2 kgf

### Dimensions

Product Length	17.2 mm [.68 in]
Compatible Insulation Diameter Range	2.1 – 3.3 mm [.082 – .13 in]
Terminal Material Thickness	.25 mm [.01 in]
Wire Size	.51 – 1.31 mm <sup>2</sup>

### Usage Conditions

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

### Industry Standards

Compatible With Agency/Standards Products	UL
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### Packaging Features

Packaging Quantity	8000
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 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not applicable for solder process capability

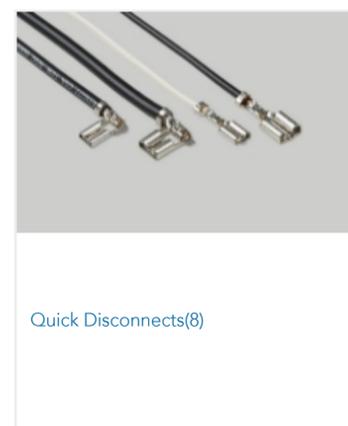
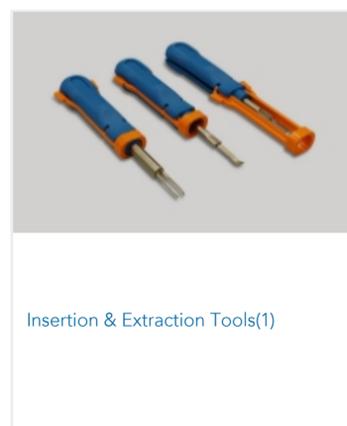
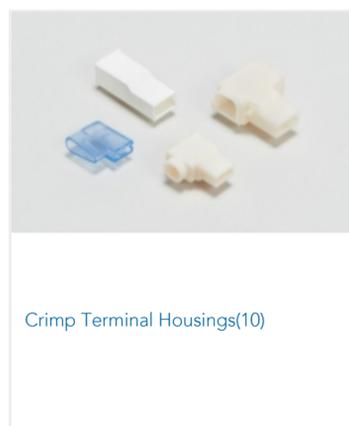
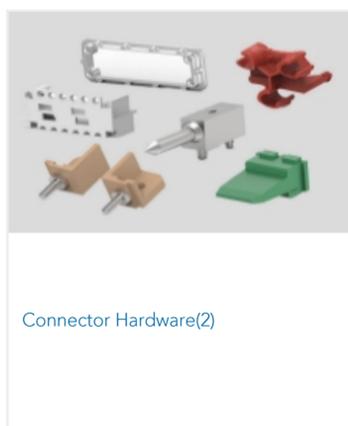
Product Compliance Disclaimer

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>

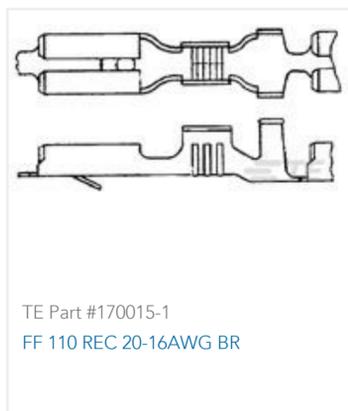
## Compatible Parts



## Also in the Series | Positive Lock 110



## Customers Also Bought



## Documents

### Product Drawings

[PL 110 REC 20-16 AWG 0.25 X 10.4 PTBR](#)

English

### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_174777-1\\_M.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_174777-1\\_M.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_174777-1\\_M.3d\\_stp.zip](#)

English

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

### Datasheets & Catalog Pages



## Positive Lock Receptacles

English

### POS\_LOCK\_MIL\_QRG

English

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## Product Specifications

### Application Specification

English

### Crimping 110 Series, Positive Lock Contact

English