

174778-1 ✓ ACTIVE

[Positive Lock](#) | [Positive Lock 110](#)

TE Internal #: 174778-1

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

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

### Configuration Features

Connection Capacity	Single
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### 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	Phosphor Bronze
Terminal Plating Material	Pre-Tin
Crimp Type	F-Crimp
Barrel Type	Open



### Mechanical Attachment

Wire Insulation Support	With
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### Dimensions

Accepts Wire Insulation Diameter Range	2.1 – 3.3 mm [.08 – .129 in]
Receptacle Terminal Stock 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]

### Packaging Features

Packaging Quantity	1000
Packaging Method	Loose Piece/Carton

### 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 2022 (224) Candidate List Declared Against: JUNE 2022 (224) 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>

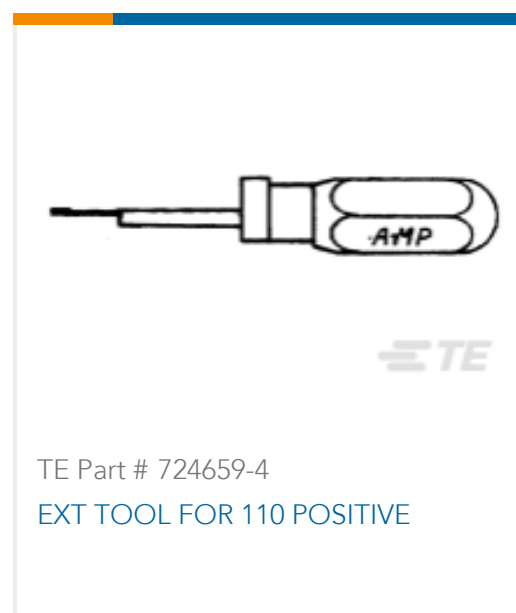
## Compatible Parts



TE Part # 174779-1  
PL 110 HOUSING RECEPTACLE

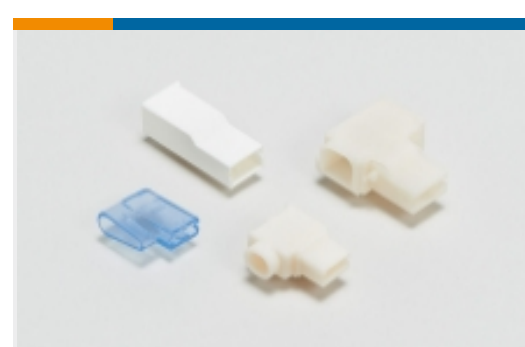


TE Part # 2255152-1  
CCII 110 POS LOCK 24-16 ASSY



TE Part # 724659-4  
EXT TOOL FOR 110 POSITIVE

## Also in the Series | Positive Lock 110



Crimp Terminal Housings(12)



Insertion & Extraction Tools(1)



Quick Disconnects(8)

## Documents

### Product Drawings

PL 110 REC TERMINAL 20-16 AWG PTPB

Japanese

### CAD Files

3D PDF

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_174778-1\\_A.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_174778-1\\_A.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_174778-1\\_A.3d\\_stp.zip](#)

English

Customer View Model

[ENG\\_CVM\\_174778-1\\_C.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_174778-1\\_C.3d\\_stp.zip](#)



English

**Customer View Model**

[ENG\\_CVM\\_174778-1\\_C.2d\\_dxf.zip](#)

English

**3D PDF**

3D

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

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**Product Specifications**

**Application Specification**

English

[Crimping 110 Series, Positive Lock Contact](#)

English

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**Product Environmental Compliance**

[MD\\_174778-1\\_05022018625\\_dmtec](#)

English

[MD\\_174778-1\\_05022018625\\_dmtec](#)

English