174778-2 ✔ ACTIVE

Positive Lock | Positive Lock 110

TE Internal #: 174778-2

Quick Disconnect Receptacle, Uninsulated, 20 – 16 AWG, .51 – 1.31 mm² Wire, 2.8 mm [.11 in] Tab Width, F-Crimp, Straight, Positive Lock 110

View on TE.com >

Terminals & Splices > Quick Disconnects







Quick Disconnect Terminal Type: **Receptacle**

Wire Size: **.51 – 1.31 mm²**

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

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

Features

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	Phosphor Bronze
Terminal Plating Material	Pre-Tin
Crimp Type	F-Crimp
Barrel Type	Open

Termination Features

Product Terminates To	Wire & Cable

Mechanical Attachment

Wire Insulation Support	With

Dimensions

Compatible Insulation Diameter Range	2.1 – 3.3 mm[.08 – .129 in]
Terminal Material Thickness	.25 mm[.01 in]
Wire Size	.51 – 1.31 mm²

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 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

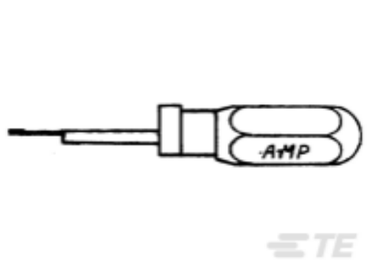
Compatible Parts



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

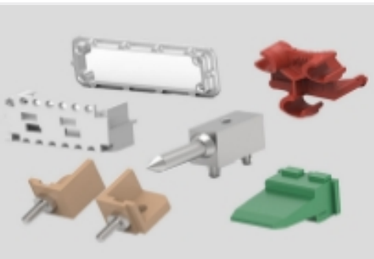


TE Part # 174779-1
PL 110 HOUSING RECEPTACLE

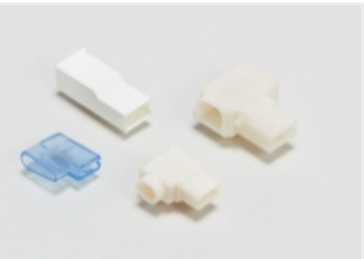


TE Part # 724659-4
EXT TOOL FOR 110 POSITIVE

Also in the Series | Positive Lock 110



Connector Hardware(2)



Crimp Terminal Housings(10)



Insertion & Extraction Tools(1)



Quick Disconnects(8)

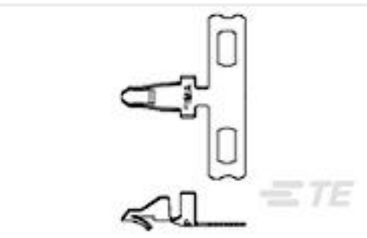
Customers Also Bought



TE Part #DT04-4P-CE02
REC, 4P, BLK, E



TE Part #2-179555-3
DYNAMIC D-3200 WTW TAB HSG 6P



TE Part #3-350566-1
MINI AMP-IN 22-18 PTLP/PHBZ



TE Part #353718-3
DYNAMIC D-3 TAB CONT. 3L AU 0.76 L/P



TE Part #2-1393240-4
RT33K024



TE Part #4-1393240-8
RT334024



TE Part #3-1419108-5
RTD34012



TE Part #2-1625886-2
1W SM M/OX 5% 4R7



TE Part #9-2176070-1
3521 56K 1% 2W

TE Part #374Z-05692
Speed sen DSD 1820.19 P19HW
3EST214-247

Documents

Product Drawings

PL 110 REC 20-16 AWG 0.25 X 10.4 PTPHBZ

Japanese

CAD Files

3D PDF

3D

Customer View Model
ENG_CVM_CVM_174778-2_A.2d_dxf.zip

English

Customer View Model
ENG_CVM_CVM_174778-2_A.3d_igs.zip

English

Customer View Model
ENG_CVM_CVM_174778-2_A.3d_stp.zip

English

Customer View Model
ENG_CVM_174778-2_C.3d_igs.zip

English

Customer View Model
ENG_CVM_174778-2_C.3d_stp.zip

English

Customer View Model
ENG_CVM_174778-2_C.2d_dxf.zip

English

3D PDF

3D

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Product Specifications

Application Specification

English

Crimping 110 Series, Positive Lock Contact

English