



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

TE Internal #: 353250-2

Positive Lock 110, Quick Disconnects, Receptacle, 20 – 16AWG

Wire Size, .51 – 1.31mm² Wire Size, Quick Disconnect Mating Tab

Width 2.8 mm [.11 in]

[View on TE.com >](#)

Terminals & Splices > Quick Disconnects



Terminal & Splice Type: **Receptacle**

Wire Size: **.51 – 1.31 mm²**

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

Quick Disconnect Terminal Orientation: **Straight**

Features

Product Type Features

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
Quick Disconnect Plating Material	Pre-Tin

Contact Features

Terminal Type	Receptacle
Terminal & Splice Type	Receptacle
Quick Disconnect Terminal Orientation	Straight
Contact Base Material	Phosphor Bronze



Crimp Type	F-Crimp
Barrel Type	Open

Mechanical Attachment

Wire Insulation Support	With
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Dimensions

Accepts Wire Insulation Diameter Range	2.01 – 3.1 mm [.079 – .12 in]
Receptacle Terminal Stock Thickness	.25 mm [.01 in]
Wire Size	.51 – 1.31 mm ²
Quick Disconnect Mating Tab Width	2.8 mm [.11 in]

Usage Conditions

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

Packaging Features

Packaging Quantity	4000
Quick Disconnect 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 2021 (211) Candidate List Declared Against: JAN 2021 (211) 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

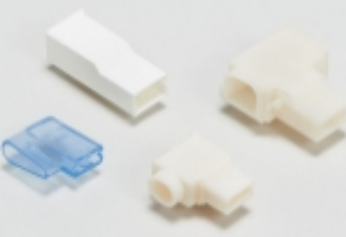


This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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

 <p>TE Part # 2305570-1 TERMINAL CUTTER, SIDE FEED</p>	 <p>TE Part # 353253-1 PL EX 110 (2.8 MM) HOUSING RECEPTACLE</p>	 <p>TE Part # 353251-1 PL EX 110 (2.8 MM) HOUSING RECEPTACLE</p>	 <p>TE Part # 353255-7 110 HSG. PL EX REC. 7.6mm 3P RED</p>
 <p>TE Part # 353255-1 110 HSG. PL EX REC. 7.6mm 3P NAT</p>	 <p>TE Part # 2-2151117-1 OCEAN_2.0_Applicator-S-080F130F</p>	 <p>TE Part # 2-2151117-2 OCEAN_2.0_Applicator-S-080F130F</p>	 <p>TE Part # 2151117-1 OCEAN_2.0_Applicator-S-080F130F</p>
 <p>TE Part # 2151117-2 OCEAN_2.0_Applicator-S-080F130F</p>	 <p>TE Part # 7-2151117-1 OCEAN_2.0_Applicator-S-080F130F</p>	 <p>TE Part # 7-2151117-2 OCEAN_2.0_Applicator-S-080F130F</p>	 <p>TE Part # 7-2151117-7 OCEAN_2.0_SPARE_PART_KIT-080F130F</p>

Also in the Series | Positive Lock 110

 <p>Crimp Terminal Housings(12)</p>	 <p>Insertion & Extraction Tools(1)</p>	 <p>Quick Disconnects(8)</p>
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Customers Also Bought



Documents

Product Drawings

110 PL EX REC. 20-16AWG PTPHBZ

Japanese

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_353250-2_F.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_353250-2_F.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_353250-2_F.3d_stp.zip](#)

English

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

Product Specifications



Application Specification

English

110 Series Positive Lock EX-III Contact

English

110 Series Positive Lock EX-III Contact

Japanese

Application Specification

Japanese

Product Environmental Compliance

TE Material Declaration

English

Instruction Sheets

Instruction Sheet (non U.S.)

English

Japanese

English

Agency Approvals

UL Report

English