



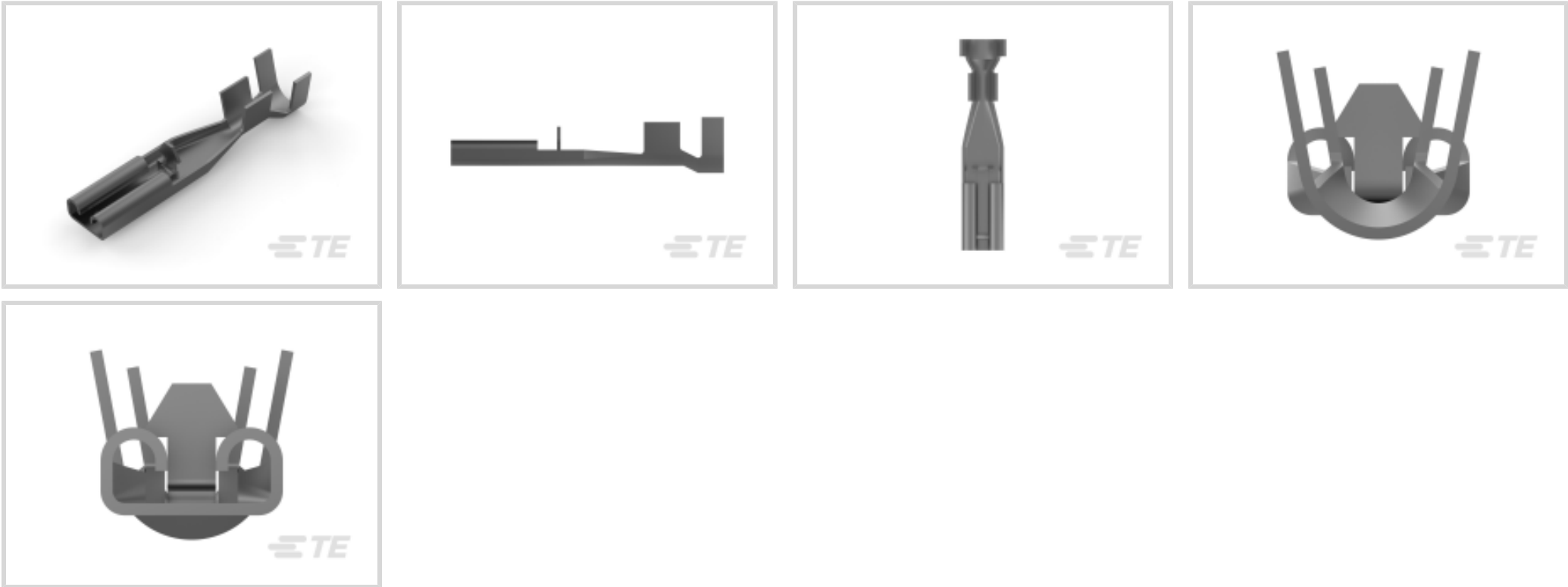
Positive Lock | Positive Lock 110

TE Internal #: 174777-1

Quick Disconnect Receptacle, 20 – 16 AWG, .51 – 1.31 mm² Wire, 2.8 mm [.11 in] Tab Width, Straight, Brass, Pre-Tin Plating, 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

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 mm²

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>

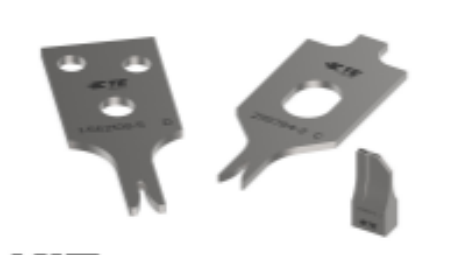
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) Does not 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



KIT

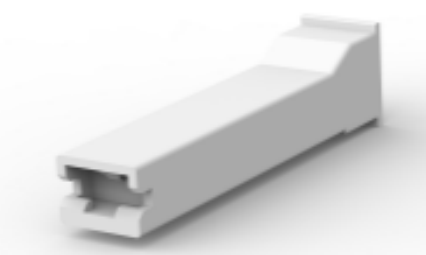
TE Part # 7-2150039-7
[OCEAN_2.0_SPARE_PART_KIT-080F130F](#)



TE Part # 2150039-2
[OCEAN_2.0_Applicator-E-080F130F-REA](#)



TE Part # 174779-1
[PL 110 HOUSING RECEPTACLE](#)

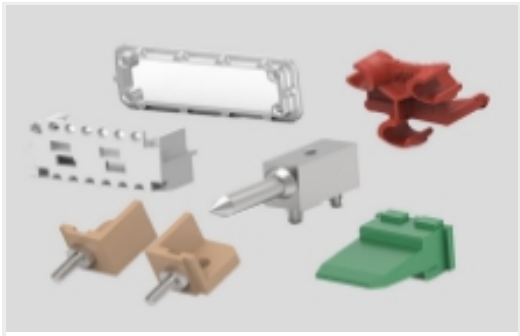


TE Part # 2232942-1
[110 POS-LK MARK III NAT](#)

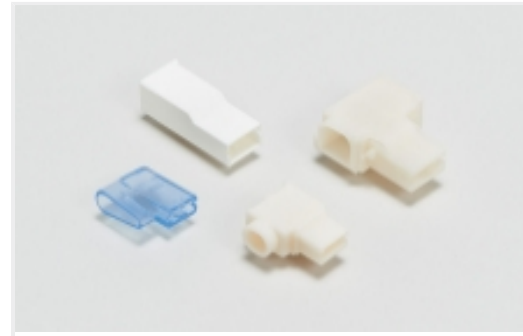


TE Part # 2255152-1
[CCII 110 POS LOCK 24-16 ASSY](#)

Also in the Series | Positive Lock 110



[Connector Hardware\(2\)](#)



[Crimp Terminal Housings\(10\)](#)

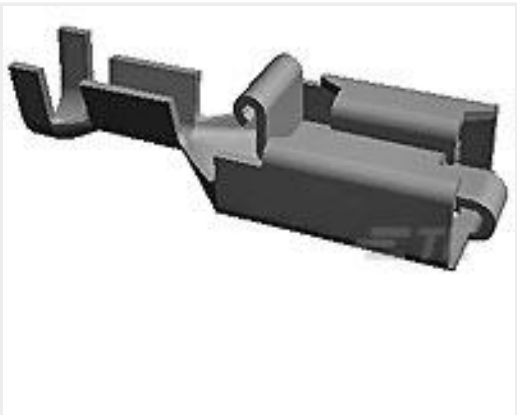


[Insertion & Extraction Tools\(1\)](#)



[Quick Disconnects\(8\)](#)

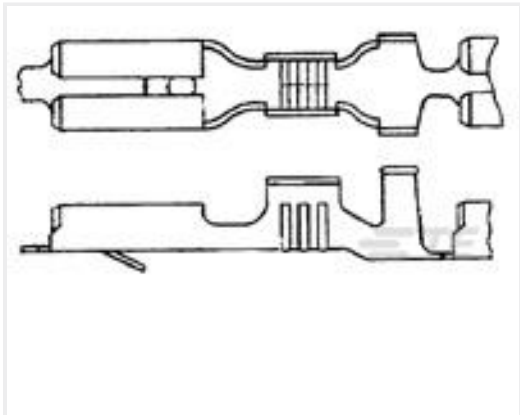
Customers Also Bought



TE Part #927854-6
PL 250 REC TERMINAL 17-13 AWG
PTPB



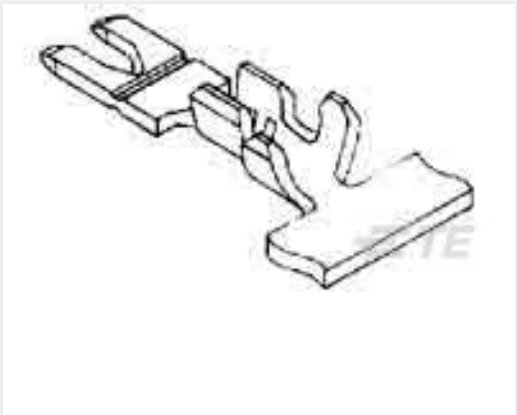
TE Part #160927-4
FF 250 REC 1.0-2.5MM2 TPPB



TE Part #170015-1
FF 110 REC 20-16AWG BR



TE Part #6-160448-2
FF 250 REC 1.0-2.5MM2 TPPB



TE Part #881257-3
MAG-MATE TERMINAL



TE Part #173724-1
187 PL EX REC. 20-14AWG PTBR



TE Part #964280-2
JPT A REC 2.8 Contact SRC Sn



TE Part #1814890-1
2 WAY RECEPTACLE HSG. FASTI



TE Part #1-966658-1
32pos MQS .63 header 180deg



TE Part #293212-1
FF 250 REC 0.8-2.5MM2 TPPB

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

Product Specifications

Application Specification

English

Crimping 110 Series, Positive Lock Contact

English