174777-1 ✔ ACTIVE

Positive Lock | Positive Lock 110

TE Internal #: 174777-1

Quick Disconnect Receptacle, Uninsulated, 20 – 16 AWG, .51 – 1.31 mm² 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 mm²**

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

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

Features

Product Type Features

Insertion Force	Low

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

Product Terminates To	Wire & Cable

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

Packaging Features

Packaging Quantity	8000
Packaging Method	Strip/Reel

Product Compliance

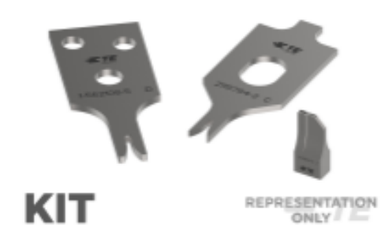
For compliance documentation, visit the product page on TE.com>

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



TE Part # 7-2150039-7
OCEAN_2.0_SPARE_PART_KIT-080F130F

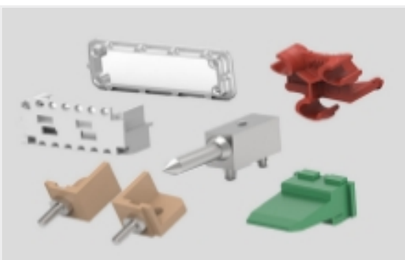
TE Part # 174779-1
PL 110 HOUSING RECEPTACLE

TE Part # 2150039-2
OCEAN_2.0_Applicator-E-080F130F-REA

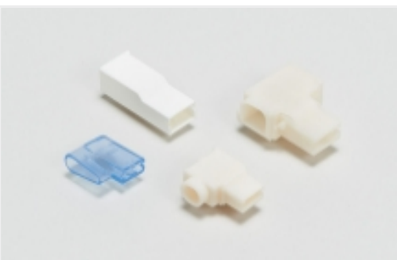
TE Part # 2255152-1
CCII 110 POS LOCK 24-16 ASSY

TE Part # 2232942-1
110 POS-LK MARK III NAT

Also in the Series | Positive Lock 110



Connector Hardware(2)



Crimp Terminal Housings(10)

Insertion & Extraction Tools(1)

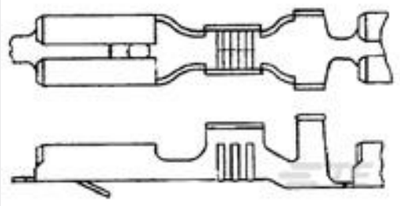
Quick Disconnects(8)

Customers Also Bought

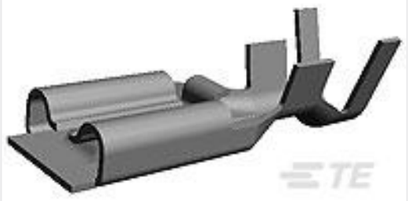
TE Part #41854
PIN 093 (2.36 MM) REC 22-18 AWG TPBR

TE Part #63232-1
POSITIVE LOCK 187 REC 20-16 AWG TPBR

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

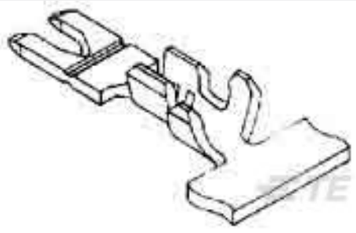


TE Part #170015-1
FF 110 REC 20-16AWG BR



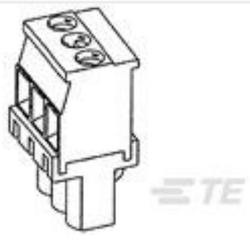
TE Part #173724-1
187 PL EX REC. 20-14AWG PTBR

TE Part #1-292228-2
1.5 MINI CT SGL H SMT W/O BOSS

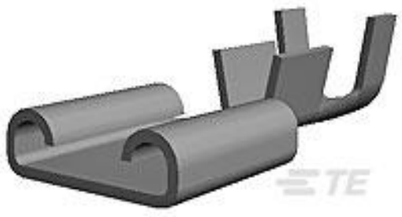


TE Part #881257-3
MAG-MATE TERMINAL

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



TE Part #1986371-2
Str Plug, 3.5mm, Green, LH, 2



TE Part #1-160305-6
250 FASTON,REC.,10-12 AWG,TPBR

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

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Datasheets & Catalog Pages

Positive Lock Receptacles

English

Product Specifications

Application Specification

English

Crimping 110 Series, Positive Lock Contact

English