

1742975-1 ✓ ACTIVE

Positive Lock | Positive Lock 110, Mark III

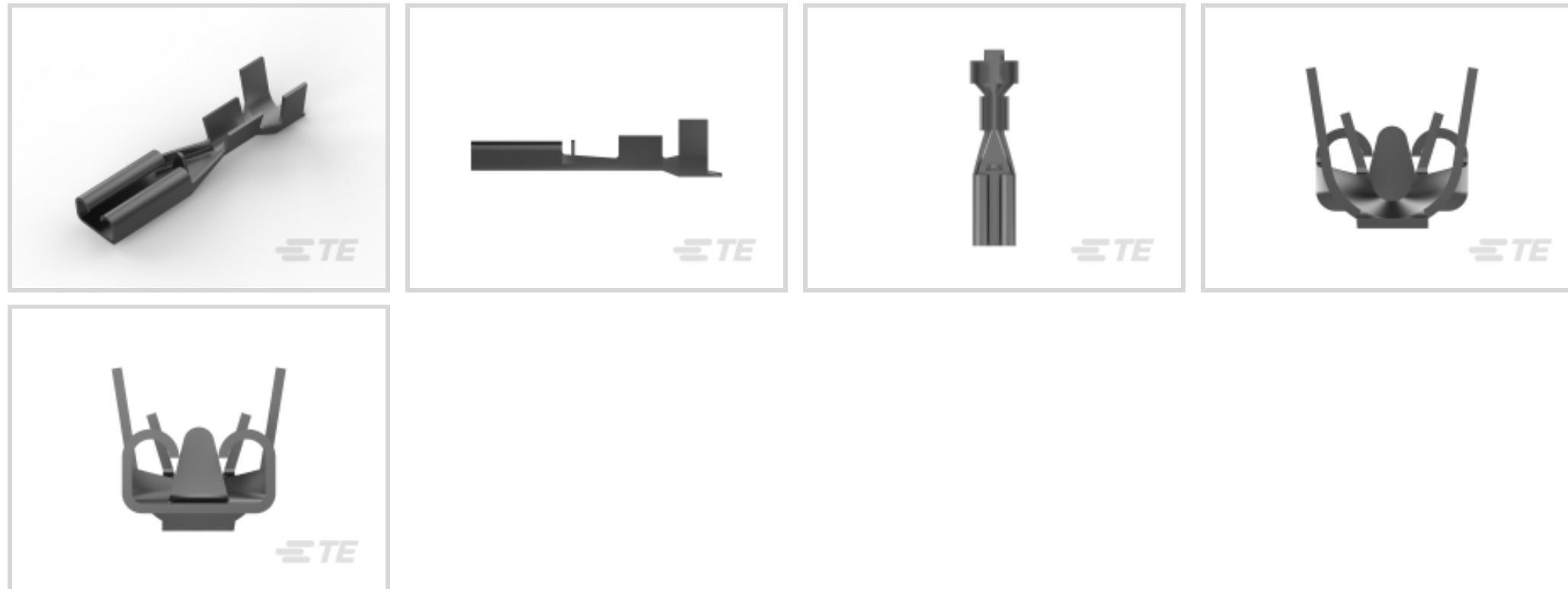
TE Internal #: 1742975-1

Quick Disconnect Receptacle, 22 – 18 AWG, .32 – .82 mm² Wire, 2.8 mm [.11 in] Tab Width, Straight, Brass, Tin Plating, Strip/Reel, Positive Lock 110

[View on TE.com >](#)



Terminals & Splices > Quick Disconnects



Quick Disconnect Terminal Type: **Receptacle**

Wire Size: .32 – .82 mm²

Mating Tab Width: 2.8 mm [.11 in]

Mating Tab Thickness: .81 mm [.032 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	.81 mm [.032 in]
Terminal Orientation	Straight
Contact Base Material	Brass
Terminal Plating Material	Tin
Crimp Type	F-Crimp
Barrel Type	Open

Termination Features

Product Terminates To	Wire & Cable
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Mechanical Attachment



Locking Lance Height	.23 mm[.009 in]
Wire Insulation Support	With
Mating Retention Type	Dimple
Extraction Force	.7 – 10.2 kgf

Dimensions

Product Length	16.5 mm[.65 in]
Compatible Insulation Diameter Range	2.03 – 3.05 mm[.08 – .12 in]
Terminal Material Thickness	.25 mm[.01 in]
Wire Size	.32 – .82 mm ²

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	10000
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 reviewed 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
REPRESENTATION ONLY

TE Part # 7-2150325-7
OCEAN_2.0_SPARE_PART_KIT-062F140F



TE Part # 2150325-2
OCEAN-2.0-APPLICATOR-E-062F140FA-REA



TE Part # 2150325-1
OCEAN-2.0-APPLICATOR-E-062F140F-REM



TE Part # 1969843-1
187 FAST & 110 PL HSG.,REC.,3P, BLACK



TE Part # 1969534-1
POSITIVE LOCK .110 HOUSING RECEPTACLE




TE Part # 1969725-1
187 FAST&110 PL HSG.,REC.,4 POS, BLACK


Also in the Series | Positive Lock 110




Connector Hardware(2)



Crimp Terminal Housings(29)



Insertion & Extraction Tools(1)



Quick Disconnects(15)

Also in the Series | Mark III



Crimp Terminal Housings(29)



Quick Disconnects(15)

Customers Also Bought



TE Part #1217378-1
RCPT 250 POS-LOCK 22-18 0126BR



TE Part #2132781-8
08P EP-II HOUSING, NATURAL



TE Part #7-2176404-3
3550 1R5 5%



TE Part #1971781-2
PTL RECEPTACLE CONTACT, 14 AWG



TE Part #1546311-6
6P .563" DR BARRIER,W/WASHER



TE Part #1969725-1
187 FAST&110 PL HSG.,REC.,4 POS, BLACK



TE Part #1-962918-1
TAB 5.8x0.8 CONTACT CS SWS Sn



TE Part #63963-1
250 FASTON FLAG REC 18-14 AWG NPST



TE Part #2056350005
ES-CAP-NO.3-B8-0-40MM



TE Part #2177018-1
SINGLE WIRE SEAL,AMP MCP6.3/4.8K, YW

Documents

Product Drawings

[110 PL REC. 22-18AWG TPBR](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_1742975-1_B_c-1742975-1-b.2d_dxf.zip](#)



English

Customer View Model

[ENG_CVM_CVM_1742975-1_B_c-1742975-1-b.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1742975-1_B_c-1742975-1-b.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages

[.110 Low Profile Positive Lock Receptacle and Housing](#)

English

Product Specifications

[Application Specification](#)

English

Agency Approvals

[UL Report](#)

English