

965972-5 ✓ ACTIVE

Positive Lock | Positive Lock 250

TE Internal #: 965972-5

Positive Lock 250, Quick Disconnects, Receptacle, 17 – 13AWG

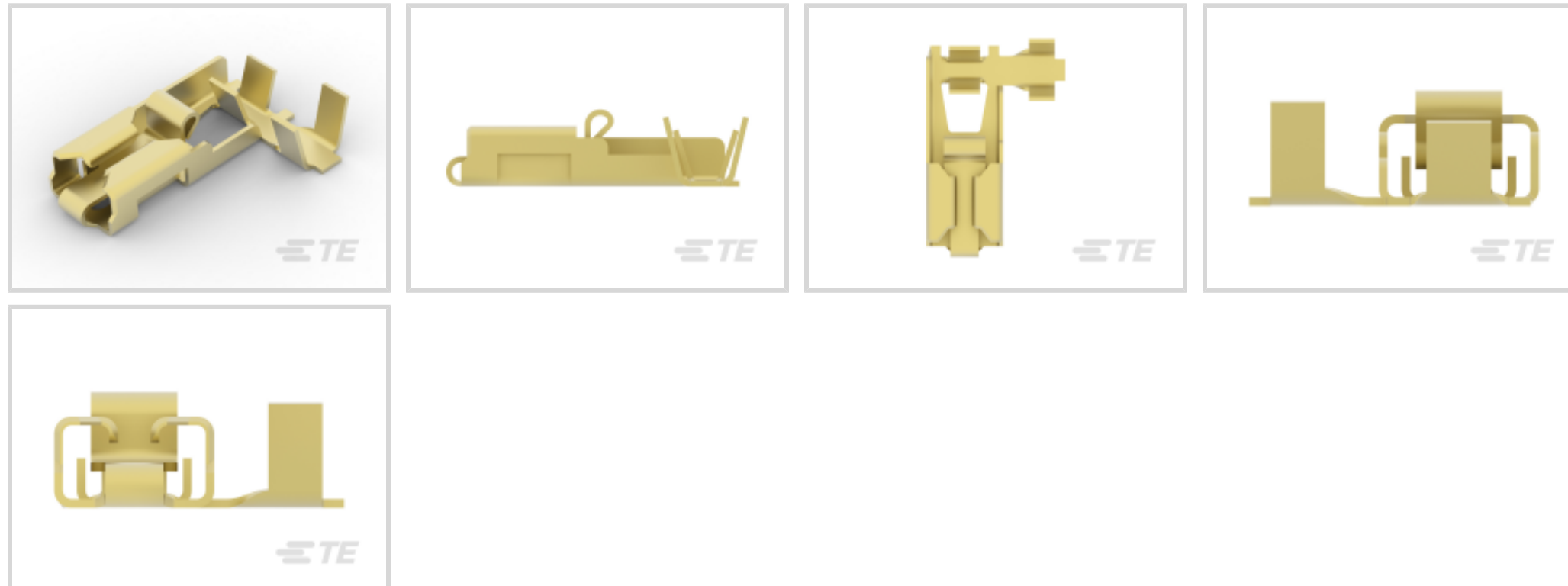
Wire Size, 1.03 – 2.62mm² Wire Size, Quick Disconnect Mating Tab

Width 6.35 mm [.25 in]

[View on TE.com >](#)



Terminals & Splices > Quick Disconnects



Terminal & Splice Type: **Receptacle**

Wire Size: **1.03 – 2.62 mm²**

Quick Disconnect Mating Tab Width: **6.35 mm [.25 in]**

Quick Disconnect Mating Tab Thickness: **.81 mm [.032 in]**

Features

Product Type Features

Wire Stop	No
Wire/Cable Type	Regular Wire
Terminates To	Wire & Cable
Quick Disconnect Insertion Force	Low
Sealable	No
Insulated	No

Configuration Features

Connection Capacity	Single
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Body Features

Fully Insulated	No
Quick Disconnect Plating Material	Unplated

Contact Features

Terminal Type	Receptacle
Terminal & Splice Type	Receptacle



Quick Disconnect Terminal Orientation	Flag
Contact Base Material	Phosphor Bronze
Crimp Type	F-Crimp
Barrel Type	Open

Mechanical Attachment

Mating Retention Type	Dimple
Wire Insulation Support	With

Dimensions

Accepts Wire Insulation Diameter Range	3.1 – 4.3 mm [.12 – .169 in]
Overall Length	18 mm [.71 in]
Receptacle Terminal Stock Thickness	.41 mm [.016 in]
Wire Size	1.03 – 2.62 mm ²
Quick Disconnect Mating Tab Width	6.35 mm [.25 in]
Quick Disconnect Mating Tab Thickness	.81 mm [.032 in]

Usage Conditions

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

Industry Standards

UL Rating	Recognized
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Packaging Features

Packaging Quantity	2000
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



TE Part # 2-2150938-2
OCEAN_2.0_Applicator-E-110F160FA



TE Part # 2150938-2
OCEAN_2.0_Applicator-E-110F160FA



TE Part # 7-2150938-2
OCEAN_2.0_Applicator-E-110F160FA

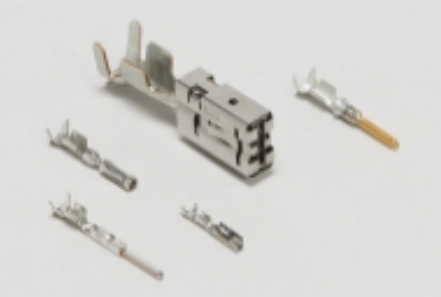


TE Part # 7-2150938-7
OCEAN_2.0_SPARE_PART_KIT-110F160F

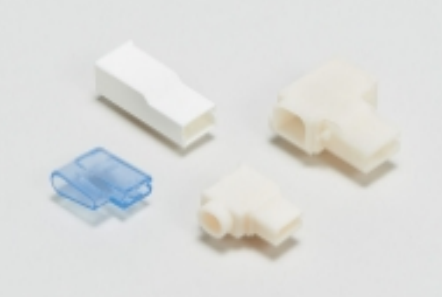


TE Part # 1855627-1
HDM/FA EMPO.110F.160F LM/G CUT


Also in the Series | Positive Lock 250




Automotive Terminals(1)



Crimp Terminal Housings(203)



Insertion & Extraction Tools(3)



Insulation Boots & Sleeves(6)



Quick Disconnects(189)

Customers Also Bought

TE Part #4-1718333-1
MQS, CONNECTOR HOUSINGTE Part #1-2236905-3
NANO TAB 0.5X0.4, TERMINALTE Part #104920-2
03 MTE RCPT HSG SR LATCH .100TE Part #2103149-7
PLUG, HVIL ONLY, KEY Z, HVA280-2PHITE Part #2151783-2
OCEAN_2.0_APPLICATOR-S-110F260OTE Part #2151997-2
OCEAN-2.0-APPLICATOR-S-090F130FATE Part #2266111-2
OCEAN_2.0_APPLICATOR-S-074F052OTE Part #2317303-1
12POS, MATENET, REC HSG, UNSLD, 180DEG, COD ATE Part #2333102-1
2POS, NANOMQS, REC HSG ASSY, COD ATE Part #968042-1
BUTT SPLICE STRIP FORM PTP CUSN4

Documents

CAD Files

[3D PDF](#)

[3D](#)

Customer View Model

[ENG_CVM_CVM_965972-5_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_965972-5_A.3d_igs.zip](#)

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Positive Lock 250, Quick Disconnects, Receptacle, 17 – 13AWG Wire Size, 1.03 – 2.62 mm² Wire Size, Quick Disconnect Mating Tab Width 6.35 mm [.25 in]



English

Customer View Model

[ENG_CVM_CVM_965972-5_A.3d_stp.zip](#)

English

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