

170265-1 ✓ ACTIVE

Positive Lock | Positive Lock 250

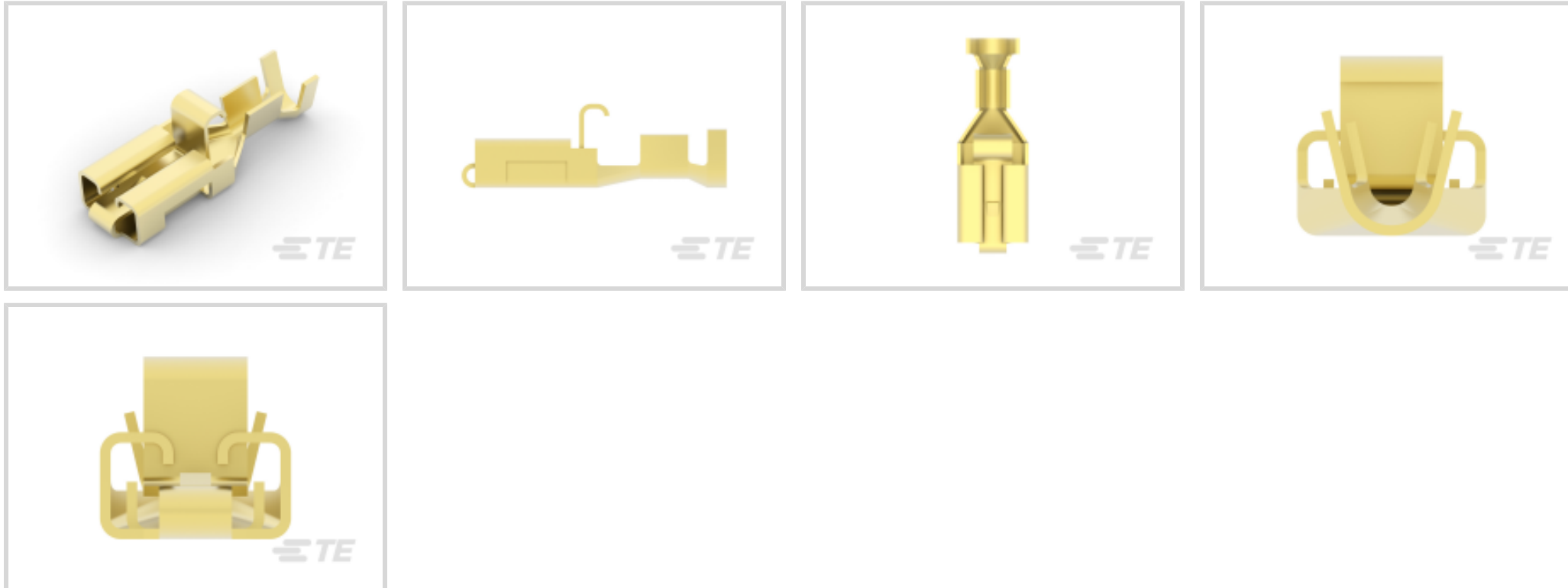
TE Internal #: 170265-1

Quick Disconnect Receptacle, 20 – 14 AWG, .51 – 2.08 mm² Wire, 6.35 mm [.25 in] Tab Width, Straight, Brass, Tin Plating, Positive Lock 250

[View on TE.com >](#)



Terminals & Splices > Quick Disconnects



Quick Disconnect Terminal Type: **Receptacle**

Wire Size: .51 – 2.08 mm²

Mating Tab Width: 6.35 mm [.25 in]

Mating Tab Thickness: .81 mm [.032 in]

Features

Industry Standards

Compatible With Agency/Standards Products	UL
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Configuration Features

Compatible With Wire & Cable Type	Discrete Wire
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Termination Features

Product Terminates To	Wire & Cable
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Mechanical Attachment

Wire Insulation Support	With
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Mating Retention Type	Dimple
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Extraction Force	.7 – 10.2 kgf
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Packaging Features

Packaging Quantity	1000
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Packaging Method	Loose Piece/Carton
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Dimensions

Product Length	23 mm [.905 in]
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Compatible Insulation Diameter Range	2.2 – 3.4 mm [.086 – .134 in]
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Terminal Material Thickness	.6 mm [.023 in]
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Wire Size	.51 – 2.08 mm ²
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Product Type Features

Insertion Force	Low
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Contact Features

Quick Disconnect Terminal Type	Receptacle
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Mating Tab Width	6.35 mm [.25 in]
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Mating Tab Thickness	.81 mm [.032 in]
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Terminal Orientation	Straight
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Contact Base Material	Brass
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Terminal Plating Material	Tin
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Crimp Type	F-Crimp
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Barrel Type	Open
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Usage Conditions

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

EU RoHS Compliance	Compliant
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EU ELV Compliance	Compliant
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Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC
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Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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Solder Process Capability	Not applicable for solder process capability
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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 # 171809-2
 POSITIVE LOCK (PL) HOUSING



TE Part # 784640-1
 EXT TOOL FOR POS LOCK MKI



TE Part # 752940-1
 CRIMPING JAW HEAD ASSY




TE Part # 171809-1
 POSITIVE LOCK (PL) HOUSING



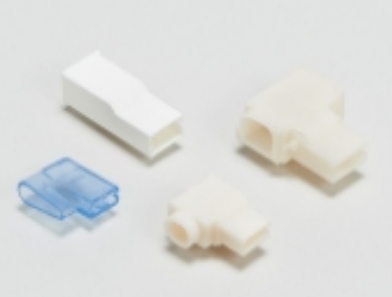
REPRESENTATION ONLY

TE Part # 755342-1
 DAHT POS LOCK REC CONT 20-14
 ASSY


Also in the Series | Positive Lock 250



Automotive Terminals(1)



Crimp Terminal Housings(182)



Insertion & Extraction Tools(3)

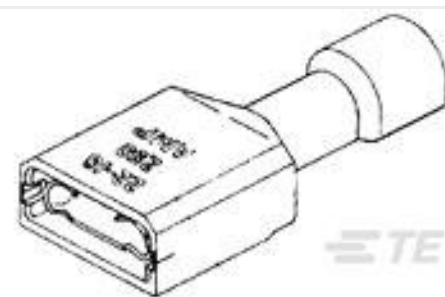
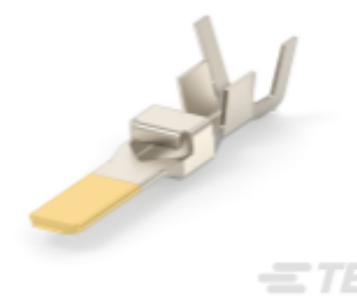


Insulation Boots & Sleeves(5)



Quick Disconnects(174)

Customers Also Bought

TE Part #1473562-3
RITS CONN. PLUG ASSY 3P YELLOWTE Part #2-520262-2
ULTRAFAST 187 ASSY REC 22-18
TPBR LPTE Part #172213-2
EIS CAP HSG PANEL MOUNT 2P
NATURALTE Part #CAT-D9934-A83
Contact: Component To Wire ; 20-
45A , 20-8 wire sizeTE Part #CAT-D9934-A15
Contact: Component To Wire; 3-5A,
30-18 Wire SizeTE Part #171809-1
POSITIVE LOCK (PL) HOUSINGTE Part #2-1473562-3
RITS CONN. PLUG ASSY 3P BLUETE Part #5-1473574-3
RITS.JUNCTION BOX 4D 3P F/H

Documents

Product Drawings

PL 250 REC 12-10 AWG 0.406 X 42.3 BR

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_170265-1_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_170265-1_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_170265-1_A.3d_stp.zip](#)

English

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Product Specifications

Product Specification

English

1-Position, Positive Lock Connector

English