

170452-1 ✓ ACTIVE

Positive Lock | Positive Lock 250

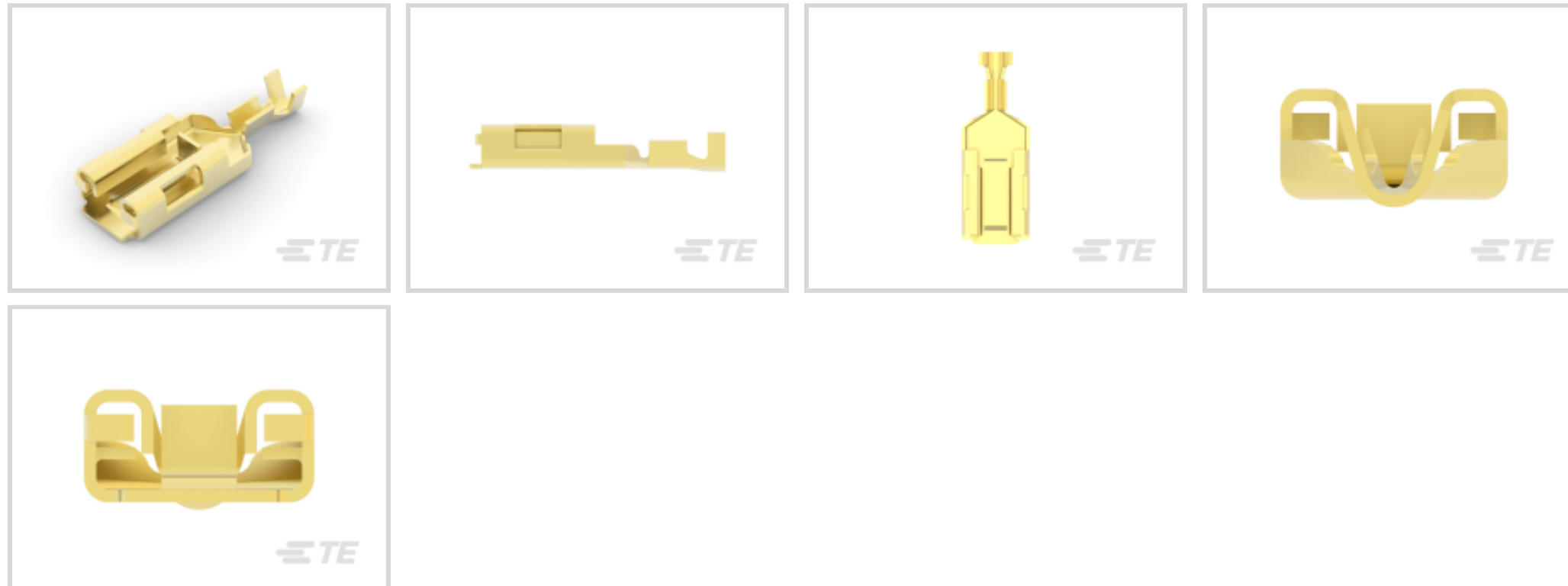
TE Internal #: 170452-1

Quick Disconnects, Receptacle, 22 – 20 AWG Wire Size, .32 – .51 mm² Wire Size, Mating Tab Width 6.35 mm [.25 in], Straight, Brass, Positive Lock 250

[View on TE.com >](#)



Terminals & Splices > Quick Disconnects



Quick Disconnect Terminal Type: **Receptacle**

Wire Size: .32 – .51 mm²

Mating Tab Width: 6.35 mm [.25 in]

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

Features

Product Type Features

Insertion Force	Low
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Configuration Features

Connection Capacity	Single
Compatible With Wire & Cable Type	Discrete Wire

Contact Features

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

Termination Features

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Product Terminates To	Wire & Cable
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Mechanical Attachment

Extraction Force	4.9 – 29.4 Newton
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Wire Insulation Support	With
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Dimensions

Terminal Material Thickness	.41 mm[.016 in]
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Product Length	22.8 mm[.89 in]
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Compatible Insulation Diameter Range	1.5 – 2.4 mm[.059 – .094 in]
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Wire Size	.32 – .51 mm ²
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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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Industry Standards

Compatible With Agency/Standards Products	UL
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Packaging Features

Packaging Quantity	5000
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Packaging Method	Loose Piece/Carton
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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 2023 (235) Candidate List Declared Against: JUNE 2023 (235) 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 # 172320-1
POSITIVE LOCK 250 (6.3 MM)
HOUSING



TE Part # 172863-2
POSITIVE LOCK (PL) .250 (6.3 MM)
HOUSING



TE Part # 172320-2
POSITIVE LOCK 250 (6.3 MM)
HOUSING



TE Part # 174090-2
PL .250 (6.3 MM) HOUSING



TE Part # 724659-2
EXT TOOL FOR POSITIVE .250



TE Part # 172864-2
250 HSG. REC. 6mm 2P BLACK



TE Part # 172434-2
POSITIVE LOCK 250 (6.3 MM)
HOUSING



TE Part # 174090-1
1P POSITIVE LOCK HSG



TE Part # 172320-4
POSITIVE LOCK 1P GREEN



TE Part # 172433-2
250 AUTOMOTIVE POSITIVE LOCK 2P



TE Part # 172434-1
POSITIVE LOCK 250 (6.3 MM)
HOUSING



TE Part # 9-172320-2
POSIT LOCK HSG 1P BLACK VO94



TE Part # 2150067-1
OCEAN_2.0_Applicator-E-070F120V



TE Part # 2150067-2
OCEAN_2.0_Applicator-E-070F120V



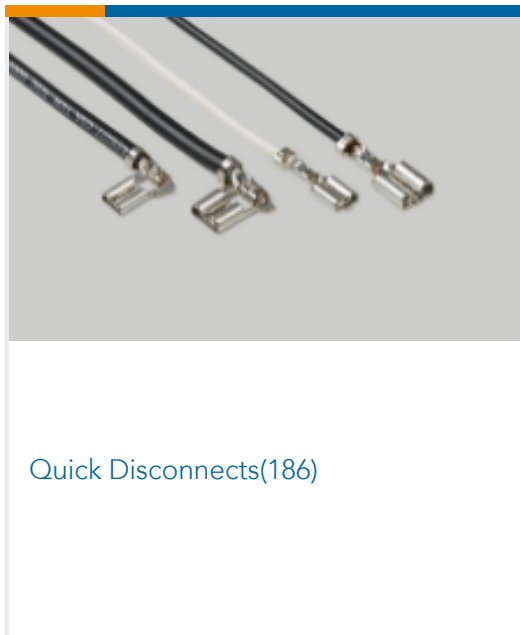
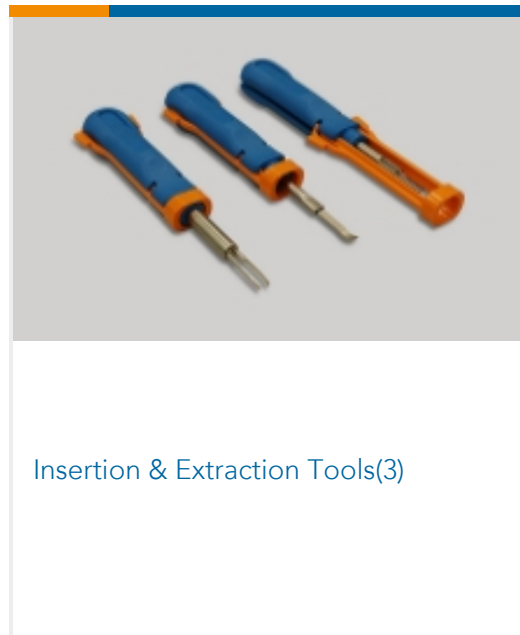
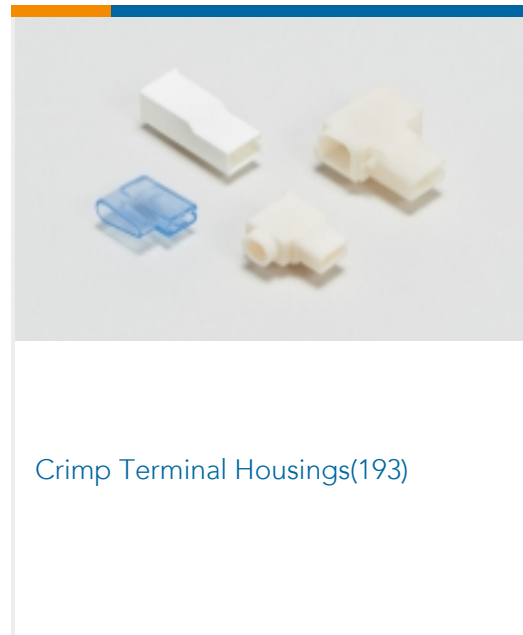
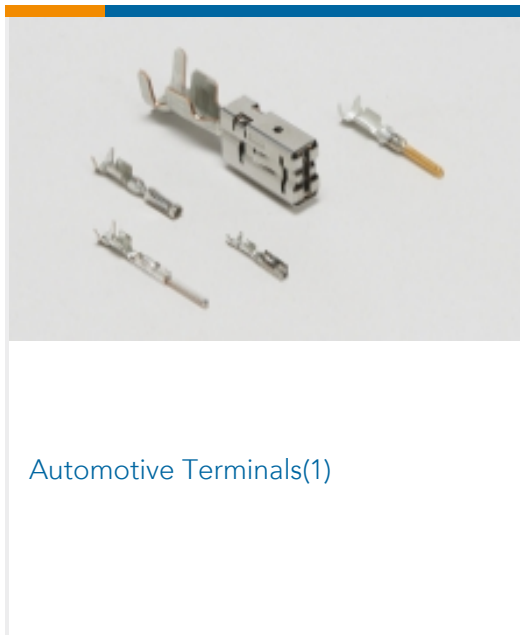
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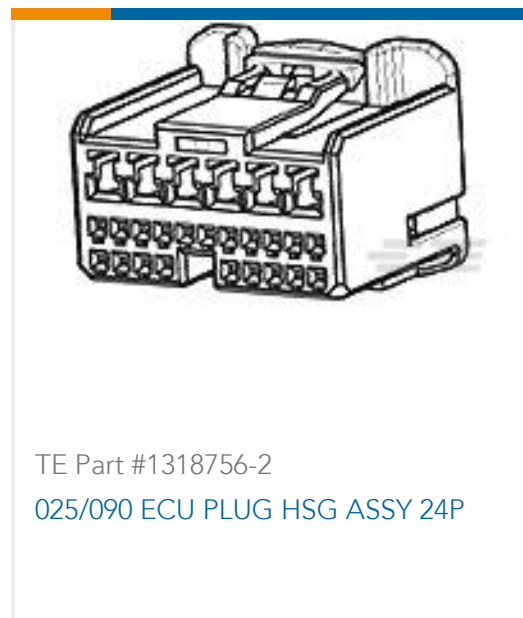
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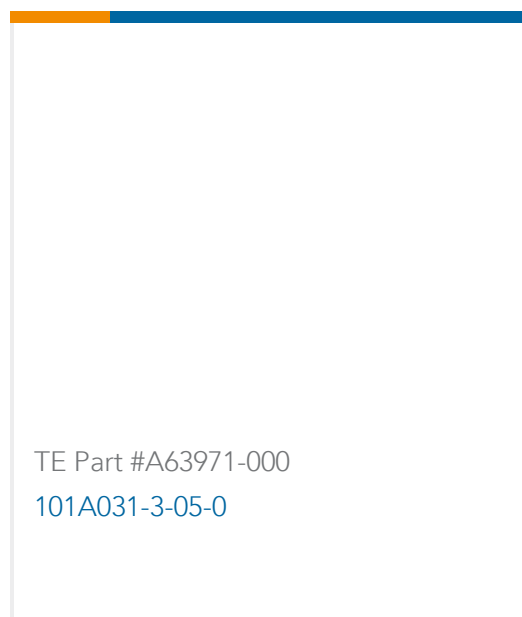


Also in the Series | Positive Lock 250



Customers Also Bought





Documents

Product Drawings

[PL 250 AM REC 22-20 AWG 0.406 X 21 BR](#)

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_170452-1_N.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_170452-1_N.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_170452-1_N.3d_stp.zip](#)

English

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

Product Specifications

[Crimping of Positive Lock Receptacle Contact](#)

English

[Application Specification](#)

English

[Crimping of 250 Series, Automotive Positive Lock Receptacle Contact](#)

English

[Application Specification](#)

English

Instruction Sheets

[Instruction Sheet \(non U.S.\)](#)

English

[Instruction Sheet \(non U.S.\)](#)

Japanese