



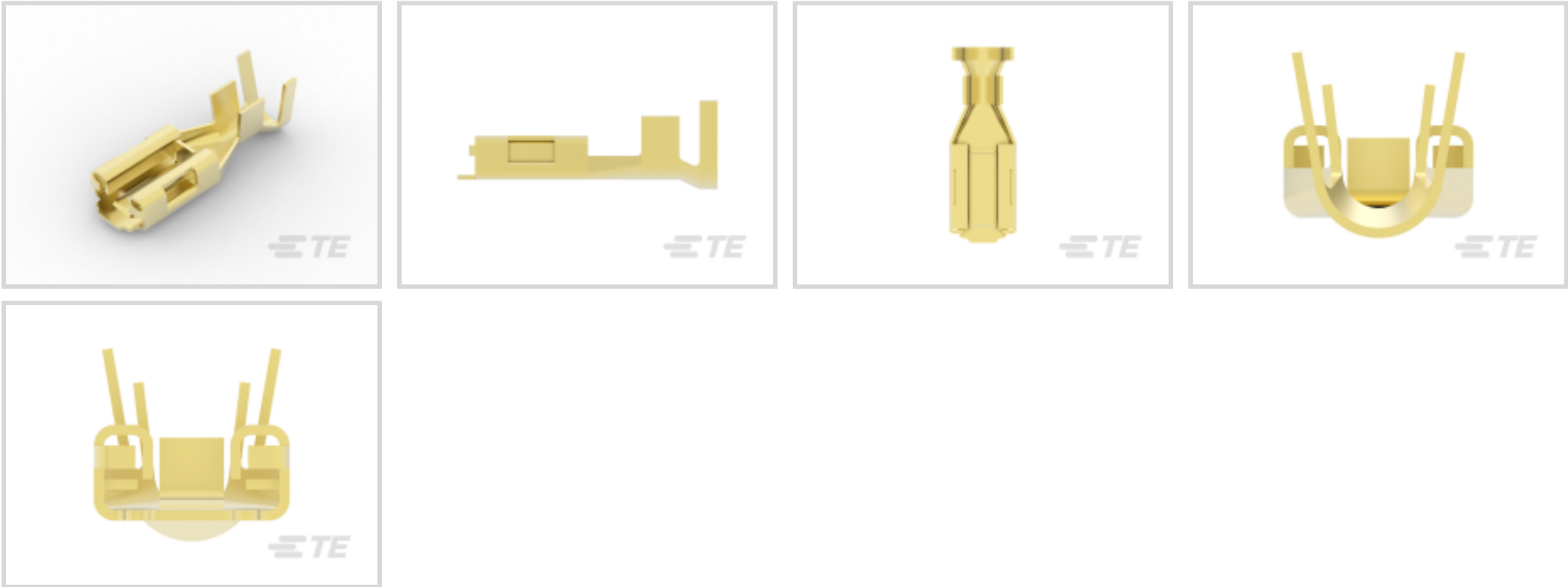
Positive Lock | Positive Lock 250

TE Internal #: 170456-1

Quick Disconnect Receptacle, 12 – 10 AWG, 3.31 – 5.26 mm² Wire, 6.35 mm [.25 in] Tab Width, Straight, Brass, Unplated Plating, Reel, Positive Lock 250

[View on TE.com >](#)

Terminals & Splices > Quick Disconnects



Quick Disconnect Terminal Type: **Receptacle**

Wire Size: **3.31 – 5.26 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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Termination Features

Product Terminates To	Wire & Cable
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Configuration Features

Compatible With Wire & Cable Type	Discrete Wire
Connection Capacity	Single

Mechanical Attachment

Wire Insulation Support	With
Mating Retention Type	Dimple
Extraction Force	.5 – 3 kgf

Packaging Features

Packaging Quantity	3000
Packaging Method	Reel

Dimensions



Product Length	22.8 mm[.89 in]
Compatible Insulation Diameter Range	3.6 – 5 mm[.14 – .197 in]
Terminal Material Thickness	.41 mm[.016 in]
Wire Size	3.31 – 5.26 mm²

Product Type Features

Insertion Force	Low
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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

Usage Conditions

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

Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

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 2024 (241) Candidate List Declared Against: JUNE 2024 (241) 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 # 172434-1 POSITIVE LOCK 250 (6.3 MM) HOUSING	TE Part # 172863-2 POSITIVE LOCK (PL) .250 (6.3 MM)	TE Part # 172434-2 POSITIVE LOCK 250 (6.3 MM) HOUSING	TE Part # 172433-2 250 AUTOMOTIVE POSTIVE LOCK 2P HOUSING
TE Part # 7-2150582-7 OCEAN_2.0_SPARE_PART_KIT- 150F250F	TE Part # 174090-1 1P POSITIVE LOCK HSG	TE Part # 174090-2 PL .250 (6.3 MM) HOUSING	TE Part # 9-172320-2 POSIT LOCK HSG 1P BLACK VO94
TE Part # 2219341-1 250 TAB CONT FOR GLASS ANT	TE Part # 172320-2 POSITIVE LOCK 250 (6.3 MM) HOUSING	TE Part # 2150582-2 OCEAN_2.0_Applicator-S-150F250F- RSA	TE Part # 172320-4 POSITIVE LOCK 1P GREEN



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

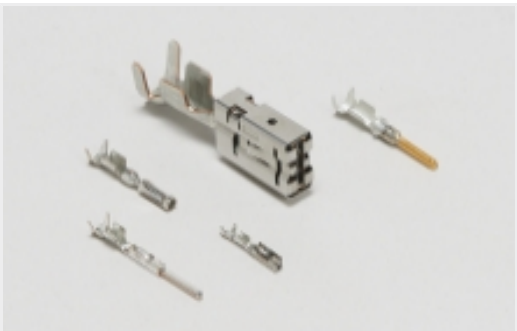


TE Part # 172320-1
POSITIVE LOCK 250 (6.3 MM)
HOUSING

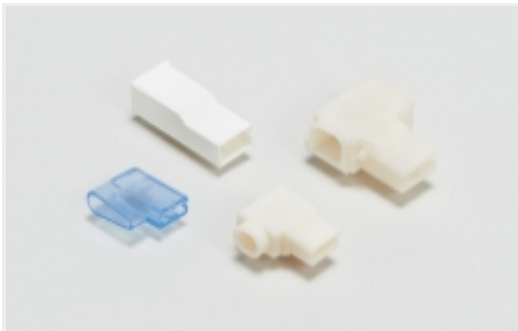


TE Part # 172864-2
250 HSG. REC. 6mm 2P BLACK

Also in the Series | Positive Lock 250



Automotive Terminals(1)



Crimp Terminal Housings(184)



Insertion & Extraction Tools(3)



Insulation Boots & Sleeves(4)



Quick Disconnects(185)

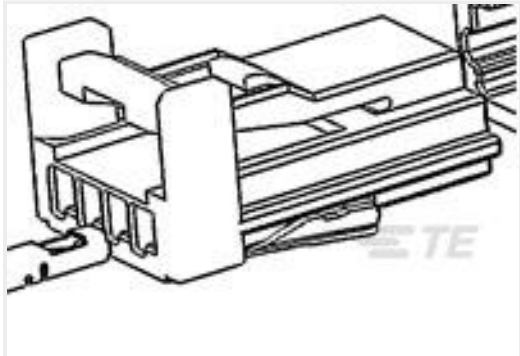
Customers Also Bought



TE Part #5-534267-1
14 MODIV VRT DR DE 100/125



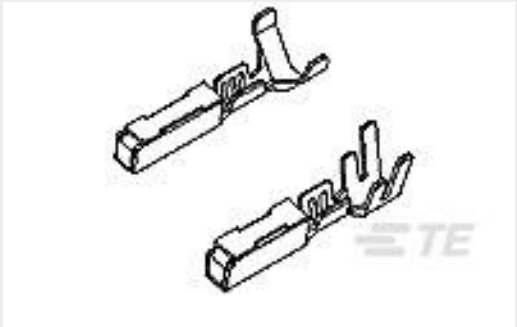
TE Part #6-176146-6
.187 PLUG HSG ASSY 2P GRAY



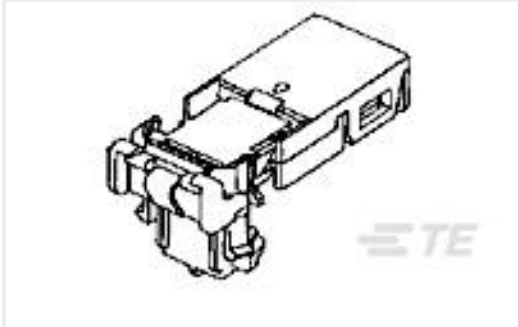
TE Part #1746911-1
0.64III I/O 4P CONNECTOR PLUG
HOUSING B



TE Part #CAT-T4827-T273
TIMER, RECEPTACLE AND TAB



TE Part #173716-1
040 HDIO REC CONT



TE Part #1612120-3
11DIA SQUIB SLIM MK-2 PLUG HSG



TE Part #1674311-7
0.64 III RCPT 3 Serrations Pre-Tin



TE Part #1743466-1
040 MK-I 2P PLUG HSG



Documents

Product Drawings

PL 250 AUTOMOTIVE REC 12-10 0.40 X 21 BR

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_170456-1_R.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_170456-1_R.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_170456-1_R.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