



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
-----------------	-----

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	Pre-Tin
Crimp Type	F-Crimp
Barrel Type	Open

Termination Features

--	--



Product Terminates To	Wire & Cable
-----------------------	--------------

Mechanical Attachment

Extraction Force	4.9 – 29.4 Newton
Wire Insulation Support	With

Dimensions

Terminal Material Thickness	.41 mm[.016 in]
Product Length	22.8 mm[.89 in]
Compatible Insulation Diameter Range	1.5 – 2.4 mm[.059 – .094 in]
Wire Size	.32 – .51 mm²

Usage Conditions

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

Industry Standards

Agency/Standard	UL
-----------------	----

Packaging Features

Packaging Quantity	5000
Packaging Method	Loose Piece/Carton

Other

Terminals & Splices Comment	Heavy Duty
-----------------------------	------------

Product Compliance

For compliance documentation, visit the product page on TE.com>

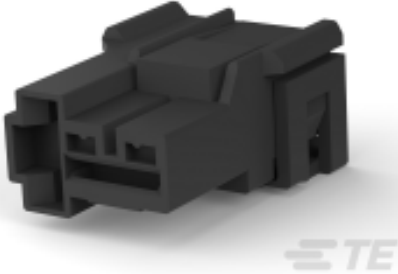
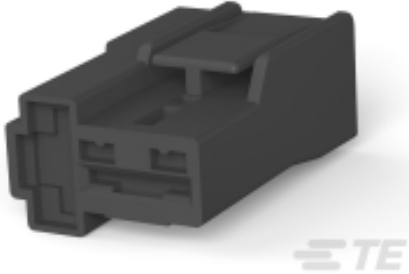
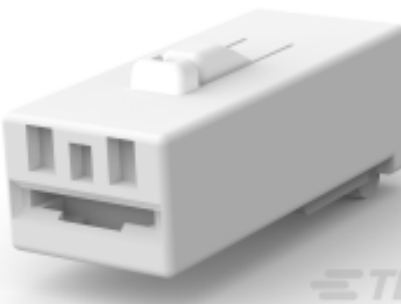
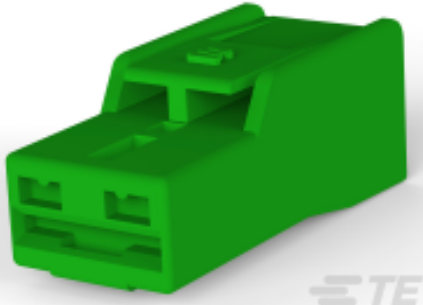
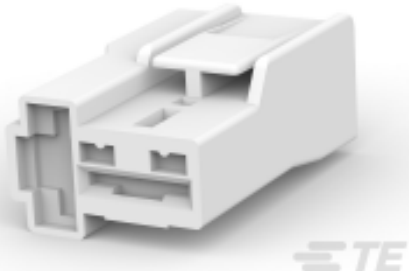
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2023 (235) Candidate List Declared Against: JUNE 2023 (235) Does 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 # 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 # 2-2150067-1
[OCEAN_2.0_Applicator-E-070F1200](#)



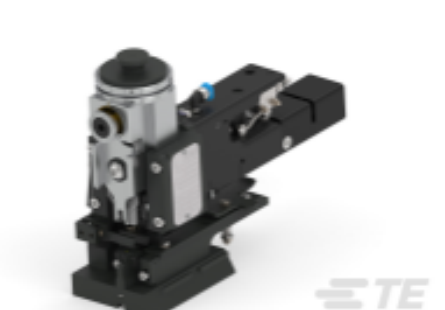
TE Part # 2-2150067-2
[OCEAN_2.0_Applicator-E-070F1200](#)



TE Part # 2-2150786-1
[OCEAN_2.0_Applicator-E-070F1200V](#)



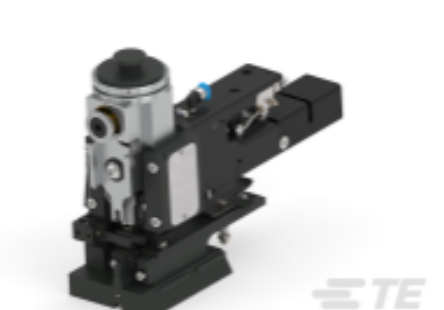
TE Part # 2-2150786-2
[OCEAN_2.0_Applicator-E-070F1200V](#)



TE Part # 2150067-1
[OCEAN_2.0_Applicator-E-070F1200](#)



TE Part # 2150067-2
[OCEAN_2.0_Applicator-E-070F1200](#)

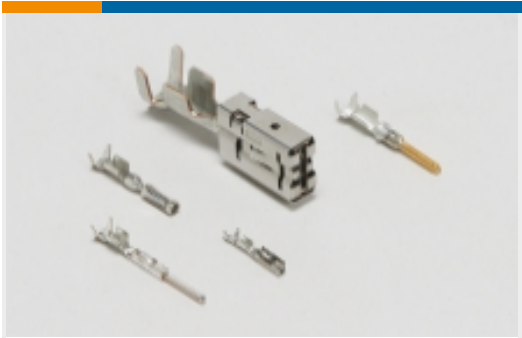


TE Part # 2150786-1
[OCEAN_2.0_Applicator-E-070F1200V](#)



TE Part # 2150786-2
[OCEAN_2.0_Applicator-E-070F1200V](#)

Also in the Series | Positive Lock 250



[Automotive Terminals\(1\)](#)



[Crimp Terminal Housings\(193\)](#)



[Insertion & Extraction Tools\(3\)](#)



[Insulation Boots & Sleeves\(4\)](#)

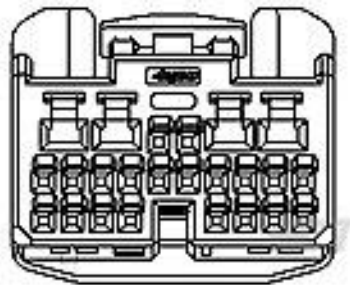


[Quick Disconnects\(186\)](#)

Customers Also Bought



TE Part #9-1452380-9
[96 POS. CONNECTOR ASSY](#)



TE Part #1746864-1
[0.64III/2.3II 24POS PLUG ASSY](#)



TE Part #3-2112780-7
[18POS, MIXED,REC HSG,ASSY, SEALED](#)



TE Part #880683-1
[.250 SERIES FASTON](#)



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

TE Part #172864-1
250 POSITIVE DBL LOCK 2P NATUR

TE Part #880142-1
.156 DIA SHUR PLUG REC

TE Part #881724-1
.156 DIA SHUR PWG R

TE Part #1989960-1
FASTIN-ON .312 FLAG REC. SPECIAL

TE Part #CV16686001
RNF-3000-NR553-0-17MM

Documents

Product Drawings

PL 250 AUTOMOTIVE REC 22-20 AWG PRE TPBR

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_170452-2_N.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_170452-2_N.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_170452-2_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 250 Series, Automotive Positive Lock Receptacle Contact

English

Application Specification

English

Product Environmental Compliance

MD_170452-2_09212015135_dmtec

English



[MD_170452-2_09212015135_dmtec](#)

English

Instruction Sheets

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

English

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

Japanese