



Terminals & Splices > Quick Disconnects



Quick Disconnect Terminal Type: **Receptacle**

Wire Size: **.51 – 1.65 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	Steel
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	7 – 100 Newton
Wire Insulation Support	With
Mating Retention Type	Dimple

Dimensions

Terminal Material Thickness	.41 mm[.016 in]
Product Length	22.3 mm[.88 in]
Compatible Insulation Diameter Range	2.3 – 3.3 mm[.09 – .13 in]
Wire Size	.51 – 1.65 mm²

Usage Conditions

Insulation Option	Uninsulated
Operating Temperature Range	-40 – 250 °C[-40 – 482 °F]

Industry Standards

Compatible With Agency/Standards Products	UL
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Packaging Features

Packaging Quantity	1500
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: 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



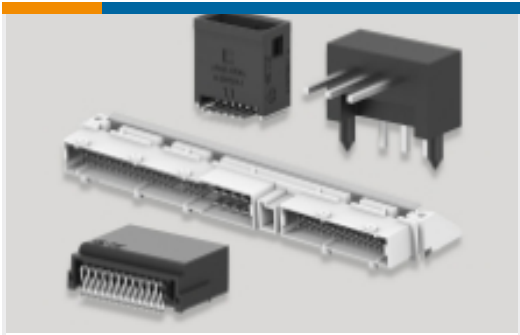
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 # 654174-1 POS.LOCK HANDTOOL	TE Part # 2151182-2 OCEAN_2.0_APPLICATOR-S-090F130F-RSA	TE Part # 2305570-1 Strip Terminal Cutter-Side Feed-No Crimp	TE Part # 2836571-2 OCEAN_2.0_Applicator-S-090F130OV-RSA
TE Part # 5-2151182-2 OCEAN_2.0_APPLICATOR-S-090F130F-RSA	TE Part # 7-2151182-7 OCEAN_2.0_SPARE_PART_KIT-090F130F	TE Part # 7-2836571-7 OCEAN_2.0_SPARE_PART_KIT-090F130OV	

Also in the Series | Mark I

Automotive Housings(2)	Automotive Terminals(4)	Crimp Terminal Housings(24)	Insertion & Extraction Tools(1)



PCB Headers & Receptacles(20)



Quick Disconnects(29)

Also in the Series | Positive Lock 250



Automotive Terminals(1)



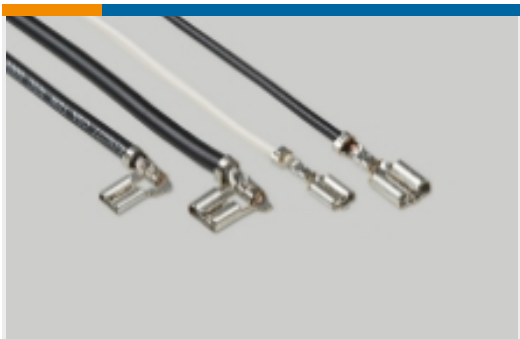
Crimp Terminal Housings(190)



Insertion & Extraction Tools(3)



Insulation Boots & Sleeves(4)

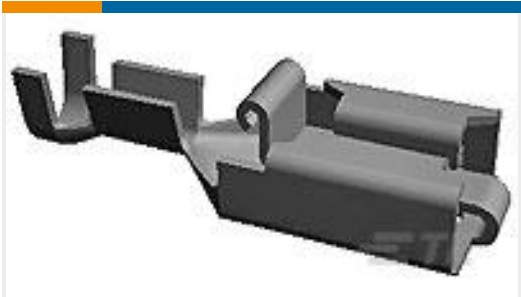


Quick Disconnects(185)

Customers Also Bought



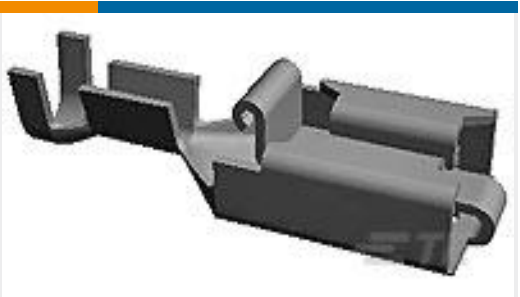
TE Part #179609-1
AMP CT CRIMP TTYPE-2 REC CONT.



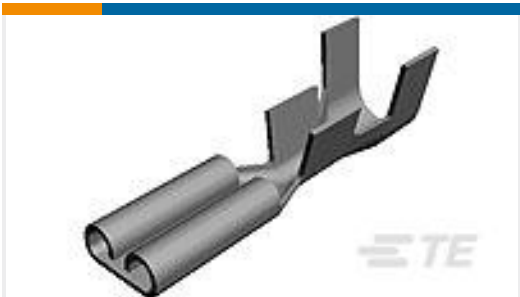
TE Part #170265-2
PL 250 REC 12-10 AWG 0.406 X 42.3



TE Part #172213-2
EIS CAP HSG PANEL MOUNT 2P NATUTURAL



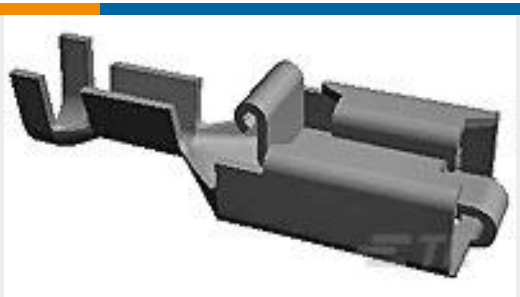
TE Part #154718-3
PL 250 REC 0.7-2.0 MM2 0.406 TPBR



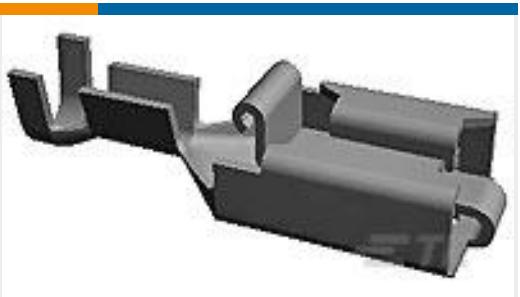
TE Part #41772-1
250 FASTON REC 22-18 AWG BR



TE Part #63313-1
PL 187 RECEPTACLE 20-16 AWG TPBR



TE Part #154718-6
250 PL MKI REC. 18-14AWG PTPB



TE Part #160759-3
250 PL MKI REC. 20-15AWG TPBR



Documents

Product Drawings

POSITIVE LOCK 250 REC 0.5-1.5MM2 NISI

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2-160759-9_AL.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2-160759-9_AL.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2-160759-9_AL.3d_stp.zip

English

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

Product Specifications

AMP positive lock MKI rec. terminal with latching device

Application Specification

EB**General Application Specification for Open Barrel Terminals

English

Application Specification

English

Agency Approvals

UL Report

English