

2-160759-1 ✓ ACTIVE

Positive Lock | Mark I, Positive Lock 250

TE Internal #: 2-160759-1

Quick Disconnect Receptacle, 20 – 15 AWG, .51 – 1.65 mm² Wire, 6.35 mm [.25 in] Tab Width, Straight, Phosphor Bronze, Positive Lock 250

[View on TE.com >](#)



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

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
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Connection Capacity	Single
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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	1500
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Packaging Method	Strip/Reel
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Dimensions



Product Length	22.3 mm[.88 in]
Compatible Insulation Diameter Range	2.3 – 3.3 mm[.09 – .13 in]
Terminal Material Thickness	.41 mm[.016 in]
Wire Size	.51 – 1.65 mm ²

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	Phosphor Bronze
Terminal Plating Material	Nickel
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 # 5-2151182-2
OCEAN_2.0_APPLICATOR-S-090F130F-RSA



TE Part # 2151182-2
OCEAN_2.0_APPLICATOR-S-090F130F-RSA




TE Part # 7-2151182-7
OCEAN_2.0_SPARE_PART_KIT-090F130F




TE Part # 654174-1
POS.LOCK HANDTOOL


Also in the Series | Mark I




Automotive Headers(5)



Automotive Terminals(1)



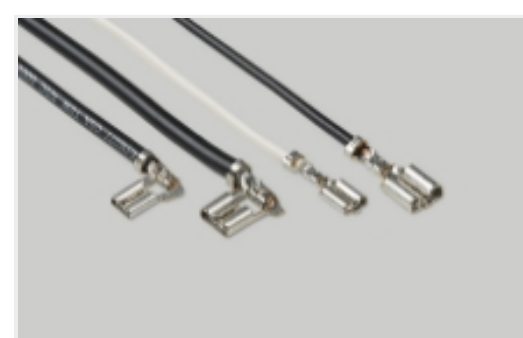
Crimp Terminal Housings(182)



Insertion & Extraction Tools(3)



PCB Headers & Receptacles(5)

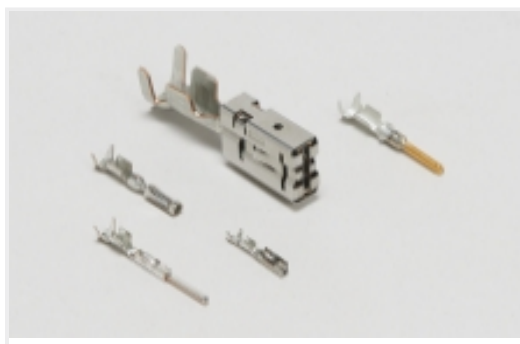


Quick Disconnects(174)



Wire-to-Board Headers & Receptacles (5)

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 #ZPF000000000096107
FDPA 50-8-3A-PN-K-A246



TE Part #60196-2
187 FASTON REC 20-16 AWG TPBR



TE Part #154719-5
PL 250 REC HSG 1P NYLON GREEN



TE Part #E62198-000
55PC0211-24-3CS2502



TE Part #C07736-000
55PC0211-16-6CS2502



TE Part #EM7487-000
X2-6.0-0-SP-SM



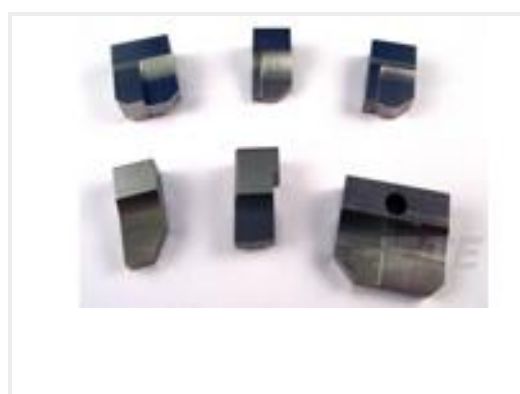
TE Part #102548-5
MOD IV RECP PLTD 30 SEL



TE Part #31091
BODY R 22-16 COMM 22-18 MIL 6



TE Part #1-653846-6
DRAHTCRIMPER KP



TE Part #4-879202-4
AMBOSS

Documents



Product Drawings

POSITIVE LOCK 250 REC 0.5-1.5MM2 NPPHBRZ

English

CAD Files

Customer View Model

[ENG_CVM_CVM_2-160759-1_AL.2d_dxf.zip](#)

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_2-160759-1_AL.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2-160759-1_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