

1-160759-1 ✓ ACTIVE

Positive Lock | Mark I, Positive Lock 250

TE Internal #: 1-160759-1

Quick Disconnects, Receptacle, 20 – 15 AWG Wire Size, .51 – 1.65 mm² Wire Size, Mating Tab Width 6.35 mm [.25 in], Straight, Brass, Positive Lock 250

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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
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Compatible With Wire & Cable Type	Discrete Wire
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Contact Features

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



Product Terminates To	Wire & Cable
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Mechanical Attachment

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 mm ²

Usage Conditions

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

Industry Standards

Agency/Standard	UL
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Packaging Features

Packaging Quantity	1500
Packaging Method	Strip/Reel

Other

Terminals & Splices Comment	FLK-Wire: Normal Wire
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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 # 154719-5
PL 250 REC HSG 1P NYLON GREEN



TE Part # 154719-6
PL 250 REC HSG 1P NYLON BLUE



TE Part # 654174-1
POS-LOCK HANDTOOL



TE Part # 343526-1
POSI-LOCK RECPT INSULATOR



TE Part # 7-154719-0
POS-LOCK ISO-HUELSE



TE Part # 8-154719-3
PL INSULATOR REC




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

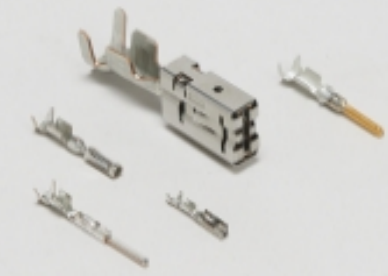


TE Part # 1-1969717-1
HSG, REC., POS-LOCK, MK I 2P, 6.35 SR NAT

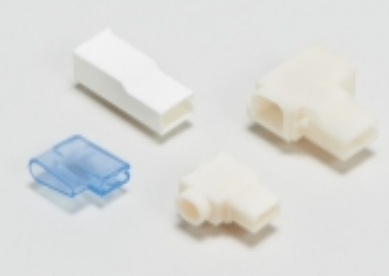
Also in the Series | **Mark I**




Automotive Housings(3)




Automotive Terminals(11)



Crimp Terminal Housings(24)

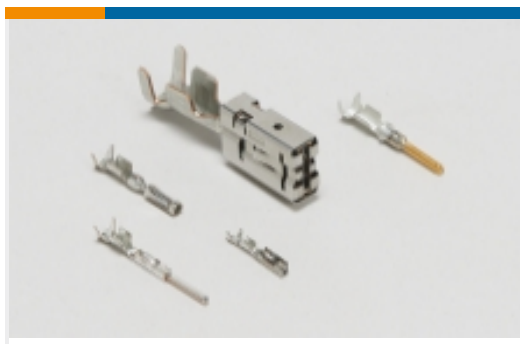


Insertion & Extraction Tools(1)

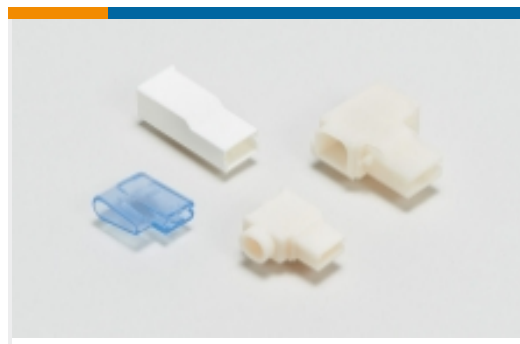


Quick Disconnects(29)

Also in the Series | **Positive Lock 250**



Automotive Terminals(1)



Crimp Terminal Housings(193)



Insertion & Extraction Tools(3)

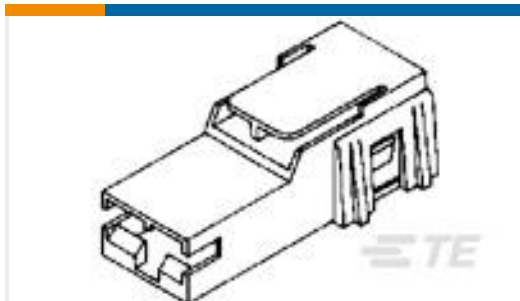


Insulation Boots & Sleeves(4)



Quick Disconnects(186)

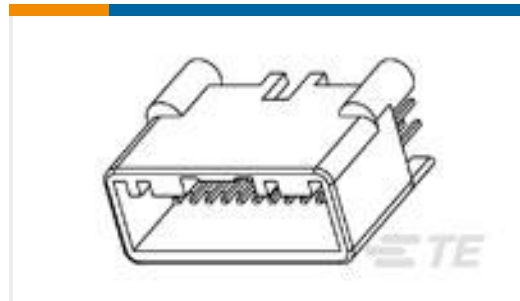
Customers Also Bought



TE Part #520961-1
PL 250 HOUSING BLACK NYLON



TE Part #1478764-4
CRIMP KIT 9.5MM



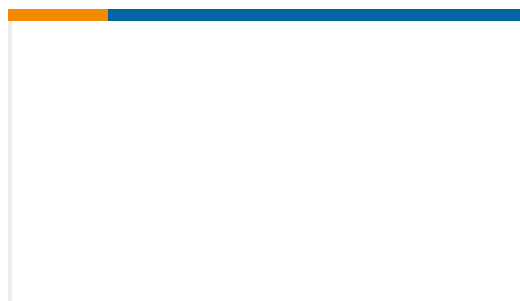
TE Part #1612904-2
025 24POS CAP ASSY V TIN



TE Part #2302454-3
1-PORT MATENET FRAME,UTP, COD C



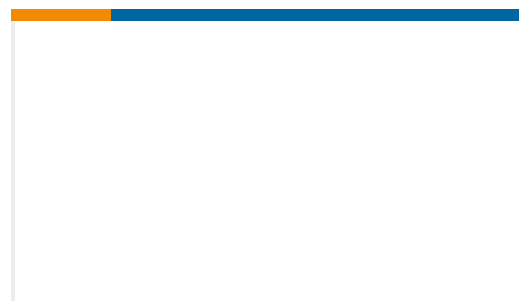
TE Part #CONSMA014
SMA Jack 50 Ohm Cable Crimp Panel Mount



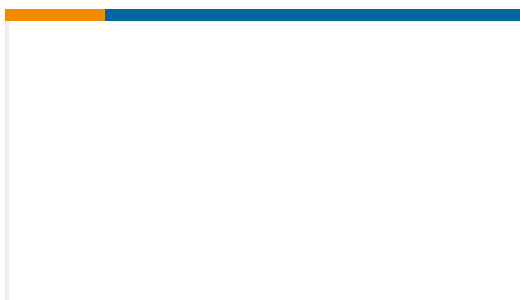
TE Part #1337101-1
BLANKING PLUG



TE Part #3-1703884-2
2POS,SHORT CIRC SPR,HOUSING, ASSY,CODC



TE Part #5-21028-1
PIN,SLOTTED SPRING



TE Part #GA100K6A13
DISC-DISCRETE

Documents



Product Drawings

[250 PL MKI REC. 20-15AWG PTBR](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_1-160759-1_AL.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-160759-1_AL.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-160759-1_AL.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

[1654742_HOUSEHOLD_APPLIANCES_RAST5](#)

English

[Positive Lock Receptacles](#)

English

Product Specifications

[AMP positive lock MKI rec. terminal with latching device](#)

[Application Specification](#)

[Application Specification](#)

English

[EB**General Application Specification for Open Barrel Terminals](#)

English

[Application Specification](#)

English

Product Environmental Compliance

[Product Compliance Document](#)

English

[Product Compliance Document](#)

English