

175023-1 ✓ ACTIVE

Positive Lock | Positive Lock 250

TE Internal #: 175023-1

Quick Disconnects, Receptacle, 18 – 14 AWG Wire Size, .82 – 2.08 mm² Wire Size, Mating Tab Width 6.35 mm [.25 in], Straight, Brass, Positive Lock 250

[View on TE.com >](#)



Terminals & Splices > Quick Disconnects



Quick Disconnect Terminal Type: **Receptacle**

Wire Size: **.82 – 2.08 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	Brass
Terminal Plating Material	Pre-Tin
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
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Wire Insulation Support	With
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Mating Retention Type	Dimple
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Dimensions

Terminal Material Thickness	.41 mm[.016 in]
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Product Length	21.2 mm[.834 in]
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Compatible Insulation Diameter Range	2.21 – 3.4 mm[.087 – .134 in]
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Wire Size	.82 – 2.08 mm ²
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Usage Conditions

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

Agency/Standard	UL
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Packaging Features

Packaging Quantity	1000
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Packaging Method	Loose Piece/Carton
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Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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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
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Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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Solder Process Capability	Not applicable for solder process capability
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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 # 2232343-1
250 PL EX FLAG REC. 18-12AWG PTBR



TE Part # 175022-2
250 POSITIVE REC EX MK-2



TE Part # 2232343-2
250 PL EX FLAG REC. 18-12AWG PTBR FLAT



TE Part # 2376579-2
250 FASTON PCB TAB TPBR



TE Part # 2376582-2
250 FASTON PCB TAB TPBR



TE Part # 2376591-2
250 FASTON PCB TAB TPBR

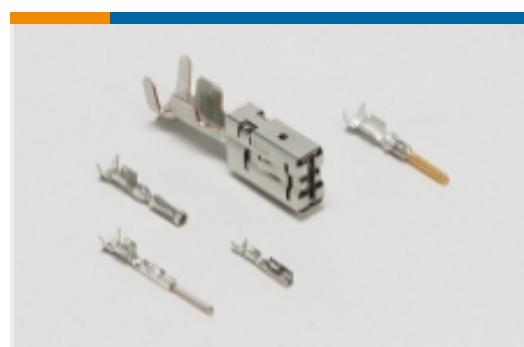


TE Part # 2376595-2
250 FASTON PCB TAB TPBR




TE Part # 234619-1
DAHT P L EX & EX II 18-14 ASSY


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 #917805-2
DYNAMIC D-5 TAB CONT. M L/P



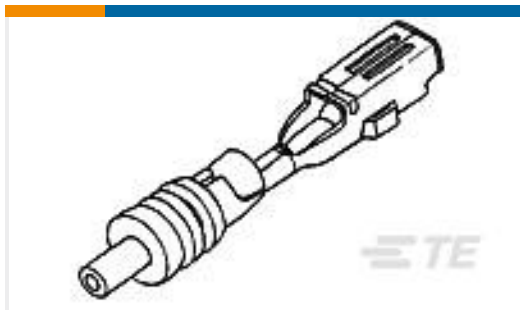
TE Part #170054-1
FF 250 REC 20-14AWG BR LP



TE Part #8-328527-1
TERMINAL,PG R 16-14 8



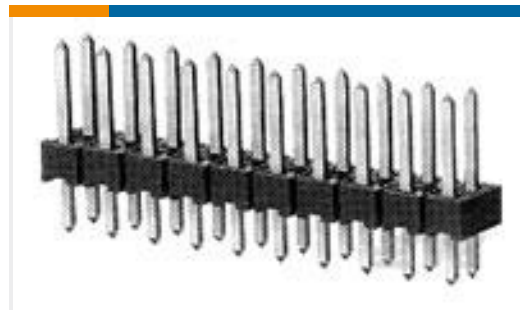
TE Part #175218-2
DYNAMIC REC CONTACT L L/P



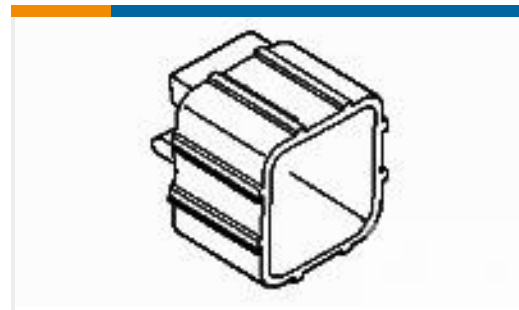
TE Part #173707-1
E-J MK-2 070 REC CONT LP



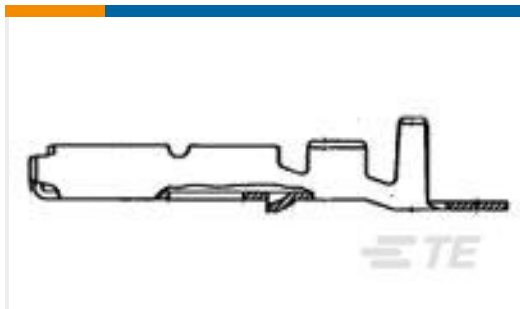
TE Part #592387J001
versafit-V2 Heat shrink Tubing



TE Part #5-146256-5
10 MODII HDR DRST B/A .100CL L



TE Part #174985-7
8 POS. DL PLATE FOR CAP MK II+



TE Part #172776-1
MIC MARK-2 REC CONTACT L.P

Documents

Product Drawings

[PL 250 RECEPTACLE 18-14 AWG PTBR](#)

English

CAD Files

[3D PDF](#)

[3D](#)

[Customer View Model](#)

[ENG_CVM_CVM_175023-1_O.2d_dxf.zip](#)



English

Customer View Model

[ENG_CVM_CVM_175023-1_O.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_175023-1_O.3d_stp.zip](#)

English

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

Instruction Sheets

Instruction Sheet (non U.S.)

English

POSITIVE LOCK EX CONTACT

English