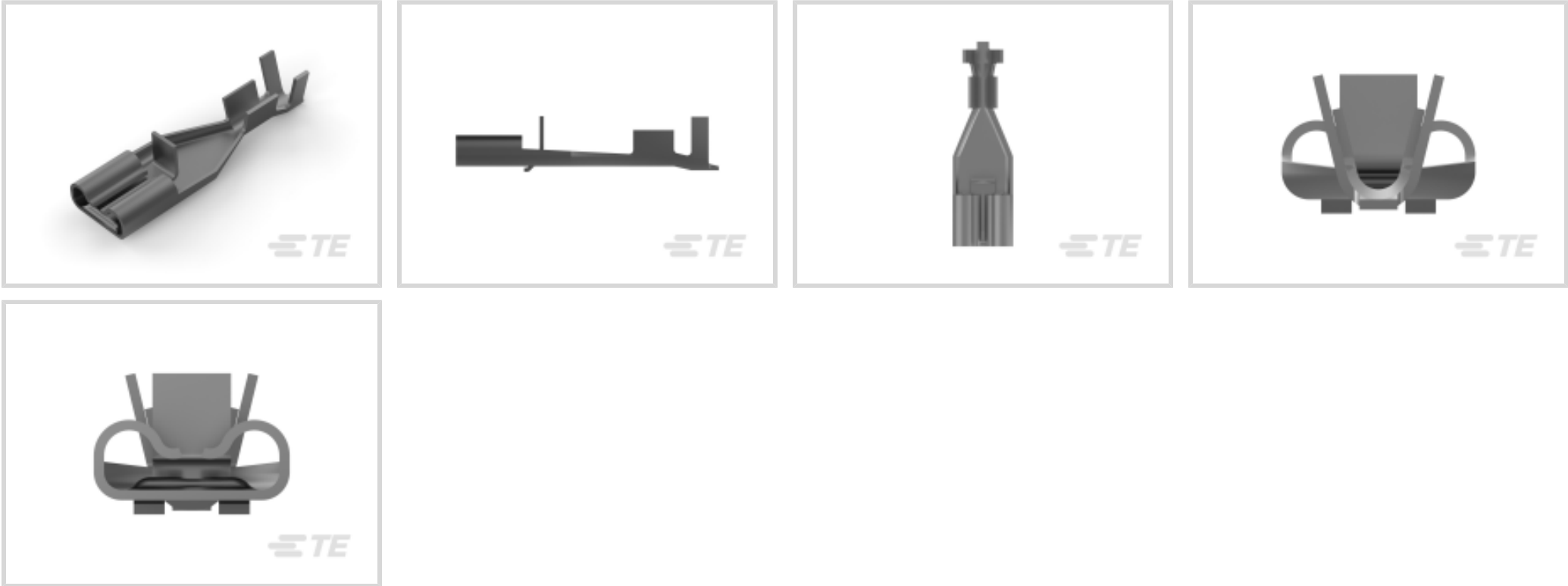




Terminals & Splices > Quick Disconnects



Terminal & Splice Type: **Receptacle**
Wire Size: **1624 – 4107 CMA**
Quick Disconnect Mating Tab Width: **4.75 mm [.187 in]**

Features

Product Type Features

Wire Stop	No
Wire/Cable Type	Regular Wire
Terminates To	Wire & Cable
Quick Disconnect Insertion Force	Low
Sealable	No
Insulated	No

Configuration Features

Connection Capacity	Single
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Body Features

Fully Insulated	No
Quick Disconnect Plating Material	Tin

Contact Features

Terminal Type	Receptacle
Terminal & Splice Type	Receptacle
Quick Disconnect Terminal Orientation	Straight
Contact Base Material	Brass



Crimp Type	F-Crimp
Barrel Type	Open

Mechanical Attachment

Mating Retention Type	Dimple
Extraction Force	7 – 100 Newton
Wire Insulation Support	With

Dimensions

Accepts Wire Insulation Diameter Range	2.2 – 3.4 mm[.086 – .134 in]
Overall Length	25.8 mm[1.015 in]
Wire Size	1624 – 4107 CMA
Quick Disconnect Mating Tab Width	4.75 mm[.187 in]
Quick Disconnect Mating Tab Thickness	.81 mm[.032 in]

Usage Conditions

Insulation Requirement	Uninsulated
Operating Temperature Range	-40 – 105 °C[-40 – 221 °F]

Industry Standards

UL Rating	Recognized
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Packaging Features

Packaging Quantity	1000
Quick Disconnect Packaging Method	Bag

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: JAN 2021 (211) Candidate List Declared Against: JAN 2021 (211) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free



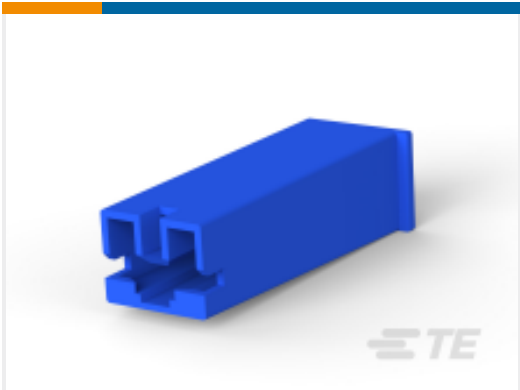
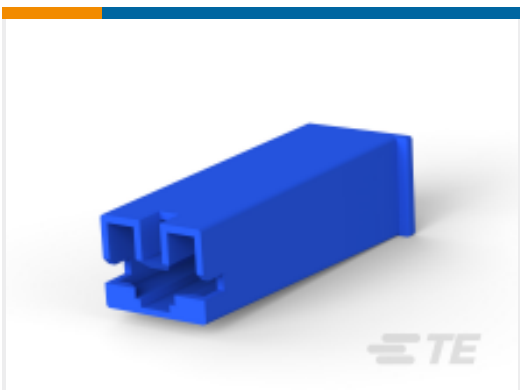
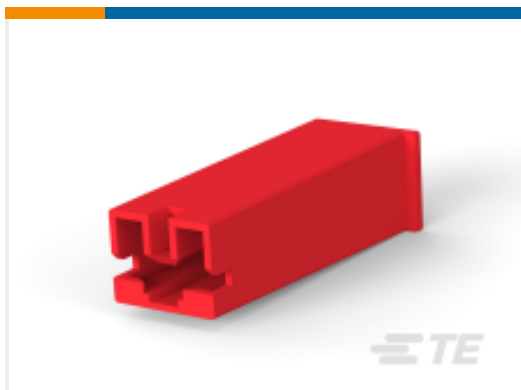
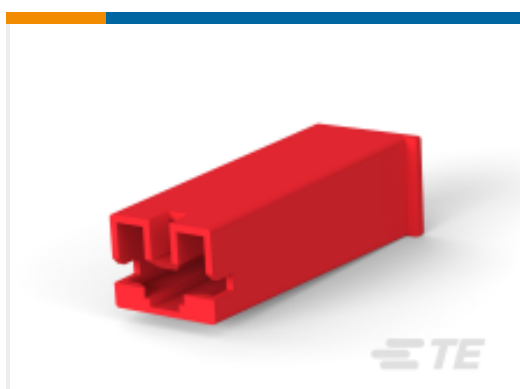
Solder Process Capability

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 # 172076-6 POSITIVE LOCK 250 HOUSING RECEPTACLE	 TE Part # 172076-1 POSITIVE LOCK 250 HOUSING RECEPTACLE	 TE Part # 2-172076-1 250 HSG. PL MKII REC. NAT	 TE Part # 724659-2 EXT TOOL FOR POSITIVE .250
 TE Part # 2-172076-6 PL 250 REC HSG 1P NYLON BLUE	 TE Part # 2-172076-7 POSITIVE LOCK 250 HOUSING RECEPTACLE	 TE Part # 172076-2 PL MKII 250 REC HSG 1P NYLON BLACK	 TE Part # 2-172076-2 POSITIVE LOCK 250 HOUSING RECEPTACLE
 TE Part # 178833-1 POSITIVE LOCK .250 HOUSING RECEPTACLE	 TE Part # 177627-1 PL .250 (6.3 MM) HOUSING RECEPTACLE	 TE Part # 172076-7 PL MKII 250 REC HSG 1P NYLON RED	 TE Part # 174429-1 PL 250 HOUSING RECEPTACLE



TE Part # 177627-7
PL .250 (6.3 MM) HOUSING RECEPTACLE

TE Part # 172076-4
POSITIVE LOCK 250 HOUSING RECEPTACLE

TE Part # 172076-5
POSITIVE LOCK 250 HOUSING RECEPTACLE

TE Part # 2-172076-4
250 POSITIVE LOCK REC 1P YELL.

TE Part # 755436-1
DAHT 250 POS LOCK REC CONT 18-14 ASSY

Also in the Series | Positive Lock 187

Crimp Terminal Housings(87)

Insertion & Extraction Tools(2)

Insulation Boots & Sleeves(9)

Quick Disconnects(56)

Customers Also Bought

TE Part #1-179958-2
DYNAMIC 5000 REC AND TAB HSG

TE Part #1-178139-2
DYNAMIC 3200 HDR ASSY

TE Part #1-171825-0
EIS HSG

TE Part #1-172211-2
12P CAP HSG F/H EI S CONN.

TE Part #1-178295-3
DYNAMIC 3100 HDR ASSY

TE Part #1-353080-3
DYNAMIC 5000 HDR ASSY

TE Part #917805-3
DYNAMIC 5000 REC AND TAB CONT

TE Part #1473565-4
RITS CONN.HDR ASSY 4P



Documents

Product Drawings

PL MKII 187 REC 18-14AWG PTBR LP

Japanese

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_170334-1_S.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_170334-1_S.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_170334-1_S.3d_stp.zip

English

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Product Specifications

Application Specification

English

Product Environmental Compliance

Product Compliance

English

Product Compliance

English