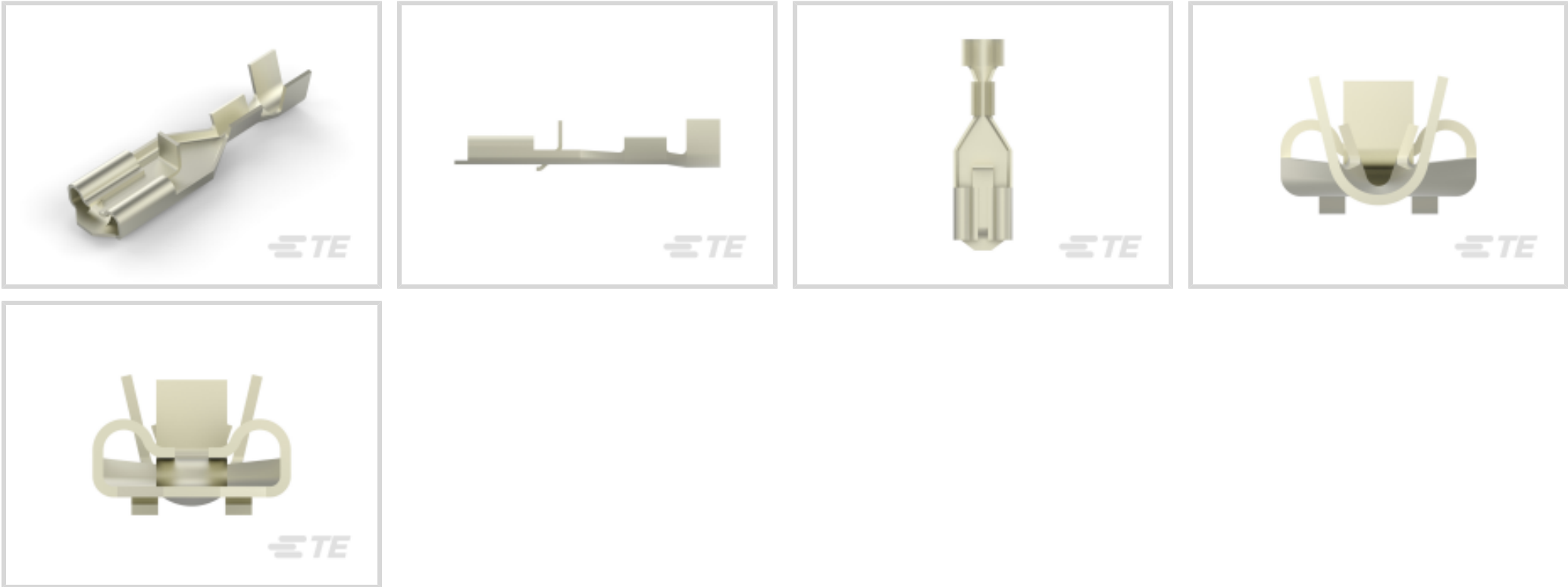




Terminals & Splices > Quick Disconnects



Quick Disconnect Terminal Type: **Receptacle**

Wire Size: **.2 – .51 mm²**

Mating Tab Width: **4.75 mm [.187 in]**

Mating Tab Thickness: **.51 mm [.02 in]**

Features

Product Type Features

Insertion Force	Low
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Configuration Features

Compatible With Wire & Cable Type	Discrete Wire
Connection Capacity	Single

Contact Features

Quick Disconnect Terminal Type	Receptacle
Mating Tab Width	4.75 mm[.187 in]
Mating Tab Thickness	.51 mm[.02 in]
Terminal Orientation	Straight
Contact Base Material	Phosphor Bronze
Terminal Plating Material	Nickel
Crimp Type	F-Crimp
Barrel Type	Open

Termination Features

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Product Terminates To	Wire & Cable
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Mechanical Attachment

Wire Insulation Support	With
Mating Retention Type	Dimple

Dimensions

Product Length	21.6 mm[.85 in]
Compatible Insulation Diameter Range	1.5 – 2.7 mm[.059 – .106 in]
Terminal Material Thickness	.3 mm[.012 in]
Wire Size	.2 – .51 mm²

Usage Conditions

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

Industry Standards

Compatible With Agency/Standards Products	UL
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Packaging Features

Packaging Quantity	500
Packaging Method	Loose Piece/Carton

Product Compliance

For compliance documentation, visit the product page on TE.com>

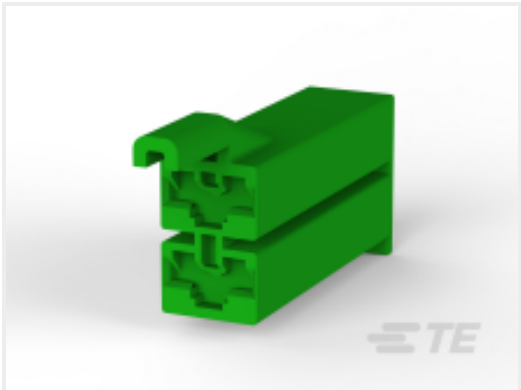
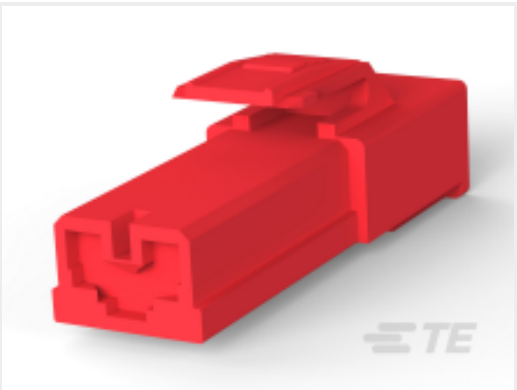
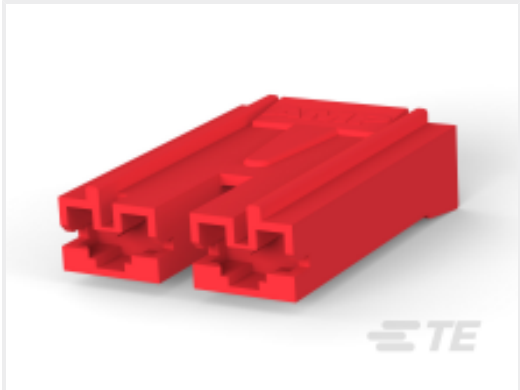
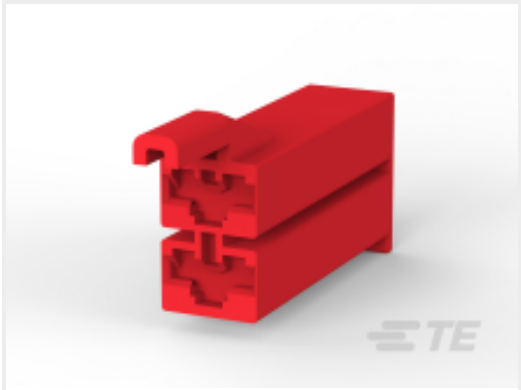
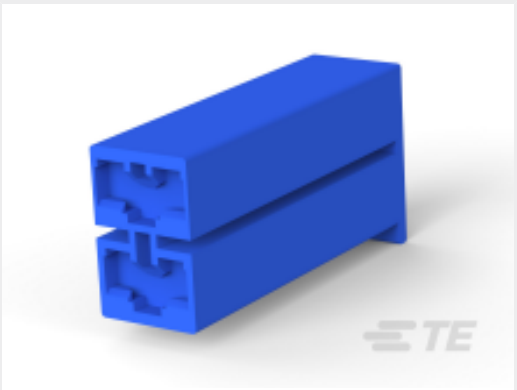
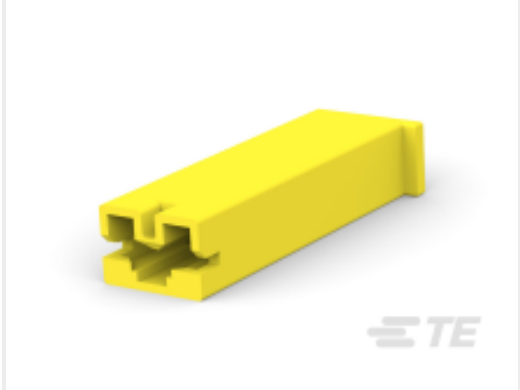
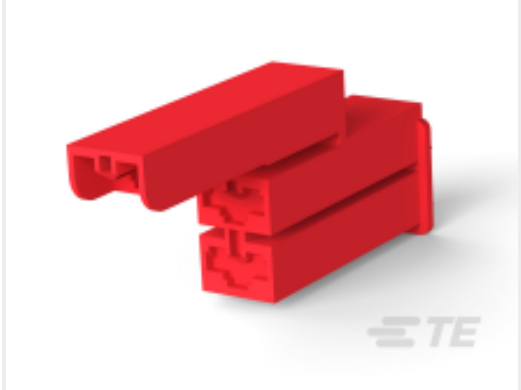
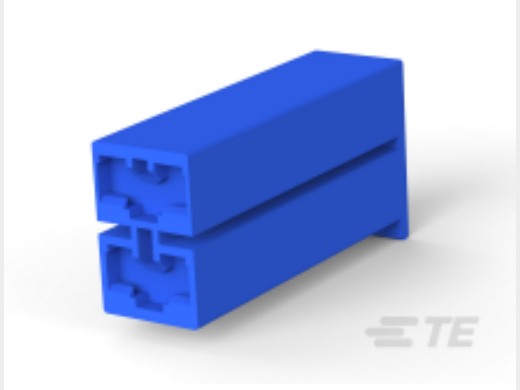
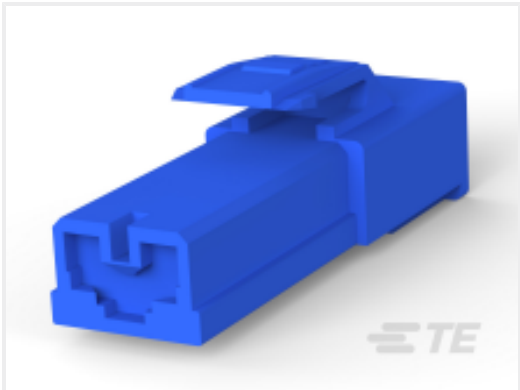
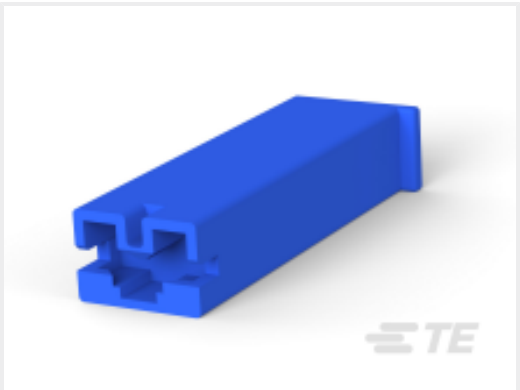
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) Does not 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 # 1-174587-6 PL MK2 2P 187 HOUSING RECEPTACLE BLUE	 TE Part # 1-174587-5 PL MK2 2P 187 HOUSING RECEPTACLE GREEN	 TE Part # 173974-5 PL MKII 187 REC HSG 1P NYLON GREEN	 TE Part # 179183-7 POSITIVE LOCK 187 (4.8 MM) HOUSING
 TE Part # 179720-7 PL 187 (4.8 MM) HOUSING RECEPTACLE	 TE Part # 1-174587-7 PL MK2 2POS 187 HOUSING RECEPTACLE RED	 TE Part # 1-172210-2 2P PL MK-2 187(4.8 MM) HOUSING REC	 TE Part # 1-172210-6 5 POS PL MK-2 187 HOUSING RECEPTACLE
 TE Part # 172074-4 POSITIVE LOCK 187 HOUSING RECEPTACLE	 TE Part # 172075-7 POSITIVE LOCK 187 HOUSING RECEPTACLE	 TE Part # 172210-6 POSITIVE LOCK 250 HOUSING RECEPTACLE	 TE Part # 172074-2 POSITIVE LOCK 187 HOUSING RECEPTACLE
 TE Part # 179183-6 POSITIVE LOCK 187 (4.8 MM) HOUSING	 TE Part # 1-173974-1 PL 187 HOUSING RECEPTACLE NATURAL	 TE Part # 173974-6 PL MKII 187 REC HSG 1P NYLON BLUE	 TE Part # 1-174587-1 PL MK2 2P 187 HOUSING RECEPTACLE NAT



TE Part # 1-174712-6
PL MK2 2P 187 HOUSING
RECEPTACLE BLUE

TE Part # 179720-6
PL 187 (4.8 MM) HOUSING
RECEPTACLE

TE Part # 1-174712-1
187 HSG. PL MKII REC. 6.65mm 2P
NAT

TE Part # 1-175578-1
PL MK2 2P 187 HOUSING REC NAT 6
/6 NYLON

Also in the Series | Positive Lock 187

Crimp Terminal Housings(76)

Insertion & Extraction Tools(2)

Insulation Boots & Sleeves(7)

Quick Disconnects(57)

Also in the Series | Mark II

Automotive Connector Locks &
Position Assurance(1)

Automotive Housings(6)

Automotive Terminals(3)

Connector Seals & Cavity Plugs(1)

Crimp Terminal Housings(76)

Insertion & Extraction Tools(2)

Quick Disconnects(57)

Customers Also Bought



TE Part #ZPF000000000018400
FDBA 50-20-41 PN-K-A5610

TE Part #796864-4
4 POS TERMI-BLOK HDR RT ANGLE

TE Part #1577640-1
TERMINAL RT PIDG PEEK STRATO 14-12 AWG

TE Part #ZPF000000000019114
FDBA 56-12-10 PN-K

TE Part #ZPF0000000000121739
182-0862-22

TE Part #5039274102
DR-25-1/4-0-CS-34034

TE Part #ZPF000000000012217
DBA 50 PR 12

TE Part #620069N005
D-108-11CS2883

TE Part #829471-1
AMPLIMITE Backshell Cover, Size 3

TE Part #5039264122
DR-25-3/8-0-CS-34034

Documents

Product Drawings

PL 187 RECEPTACLE 24-20 AWG NPPHBZ

Japanese

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_170330-2_C.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_170330-2_C.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_170330-2_C.3d_stp.zip

English

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

Product Specifications

170330-2

Quick Disconnect Receptacle, 24 – 20 AWG, .2 – .51 mm² Wire, 4.75 mm [.187 in] Tab Width, Straight, Phosphor Bronze, Nickel Plating, Positive Lock 187



Application Specification

English