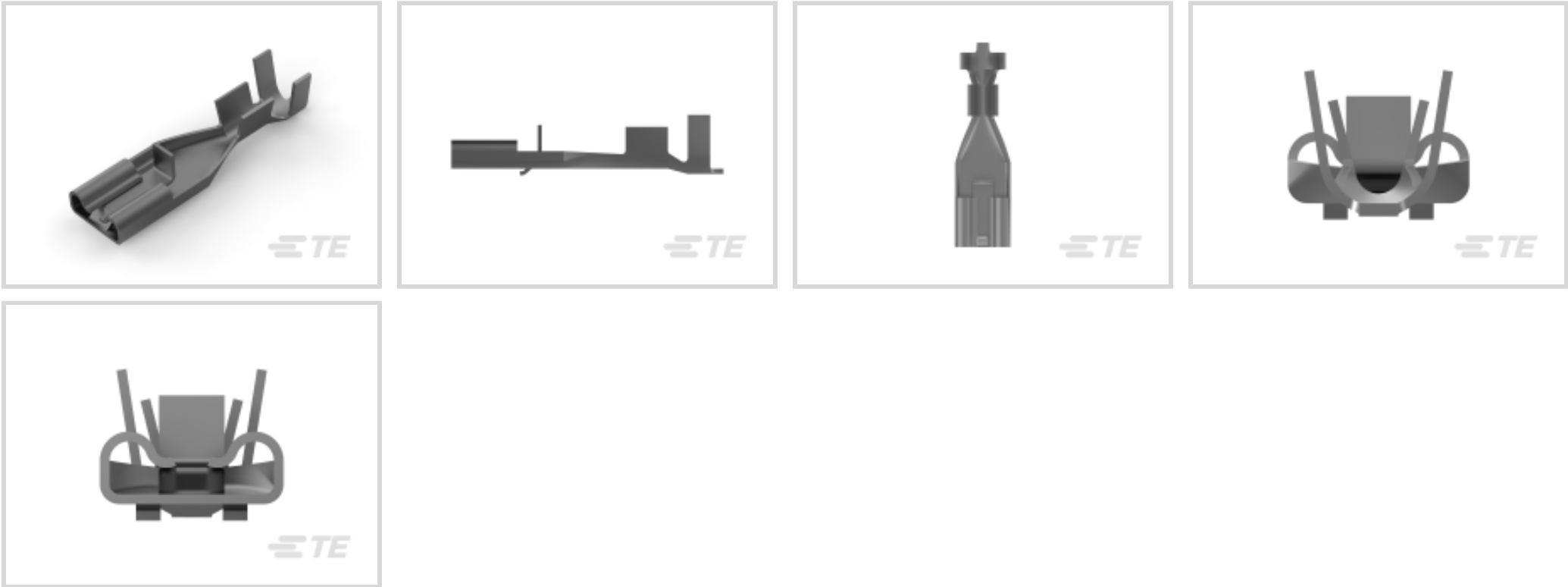




Terminals & Splices > Quick Disconnects



Quick Disconnect Terminal Type: **Receptacle**

Wire Size: **.51 – 1.31 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
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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	Brass
Terminal Plating Material	Pre-Tin
Crimp Type	F-Crimp
Barrel Type	Open

Termination Features

Product Terminates To	Wire & Cable
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Mechanical Attachment

Wire Insulation Support	With
Mating Retention Type	Dimple
Extraction Force	.7 – 10.2 kgf

Dimensions

Product Length	21.6 mm[.85 in]
Compatible Insulation Diameter Range	1.9 – 3.4 mm[.075 – .134 in]
Terminal Material Thickness	.3 mm[.012 in]
Wire Size	.51 – 1.31 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	6000
Packaging Method	Strip/Reel

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

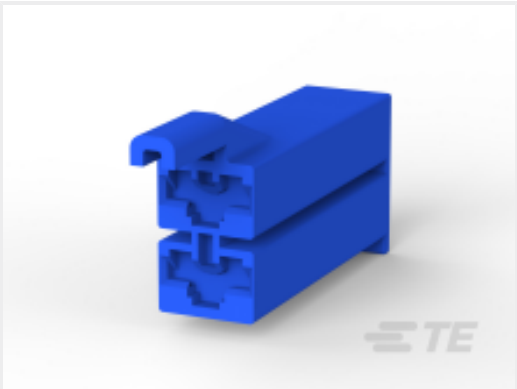
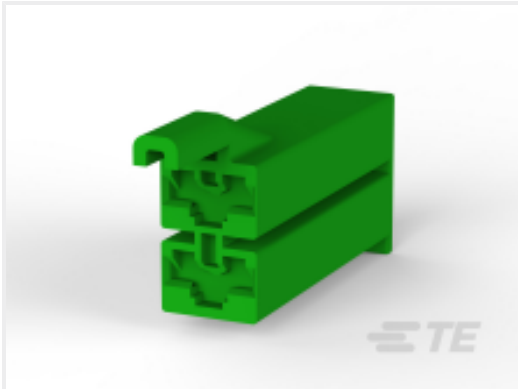
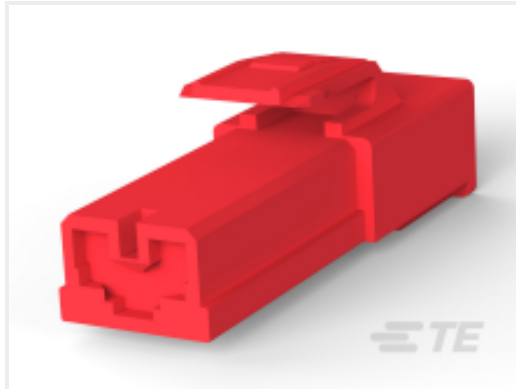
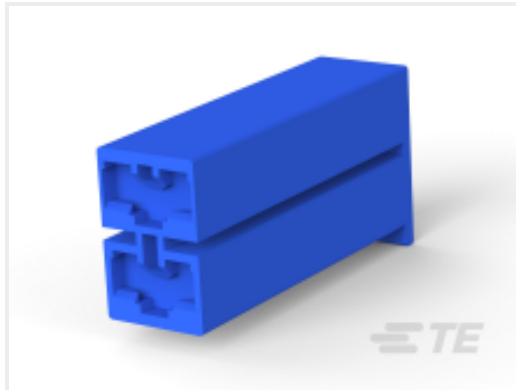
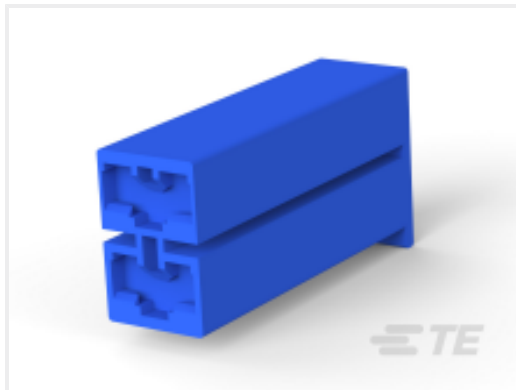
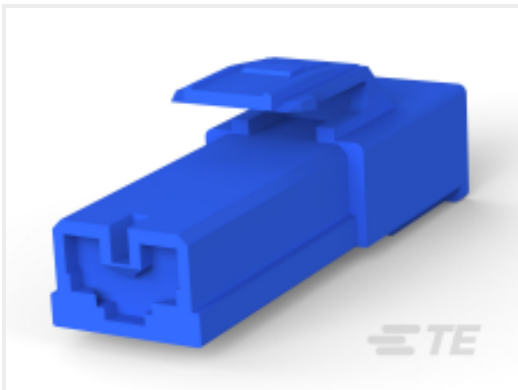
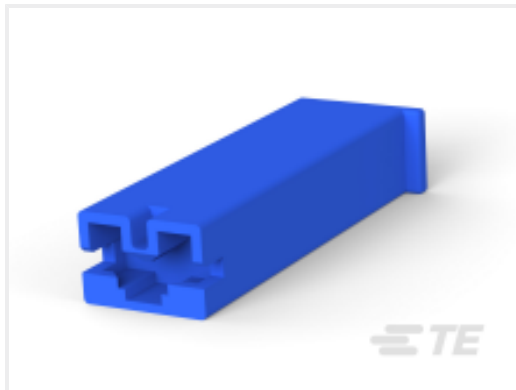
Product Compliance Disclaimer

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 # 190679-2 POSILOK T'P	 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 # 179720-2
PL 187 (4.8 MM) HOUSING
RECEPTACLE

TE Part # 1-172210-4
3P PL MK-2 187(4.8 MM) HOUSING
REC

TE Part # 179720-1
187 HSG. PL MKII REC. 10mm 2P NAT
REC

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 #1747050-1

GRACE INERTIA CONNECTOR 7.92

2POS PLUG H

TE Part #5-1565085-1

GRACE INERTIA CONNECTOR 3.5W

2POS CAP

TE Part #1-2132781-1

11P EP-II HOUSING, NATURAL

2POS CAP

TE Part #1-1903388-2

GIC 2.5 W PLUG HSG 2P RED

TE Part #5-1565085-3

GRACE INERTIA CONNECTOR 3.5W

2POS CAP

TE Part #1-2232571-2

GIC 2.5 W PLUG HSG 3P RED

TE Part #2232576-1

2.5 SIGNAL DBL LOCK REC CONT M

TE Part #316769-2

POWER D/LOCK CAP HSG 1P RED

TE Part #3-2232844-1

NEW GI CONN2.5 PLUG HSG 3P NC

KEY A

TE Part #175019-5

PL 187 REC 22-16 AWG 0.3 X 22.8

PTPHBZ

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_170325-5_T.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_170325-5_T.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_170325-5_T.3d_stp.zip

English

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

Product Specifications

Application Specification

English

Instruction Sheets



Instruction Sheet (non U.S.)

English

AMP* POSITIVE LOCK CONNECTOR

English

Agency Approvals

UL Report

English