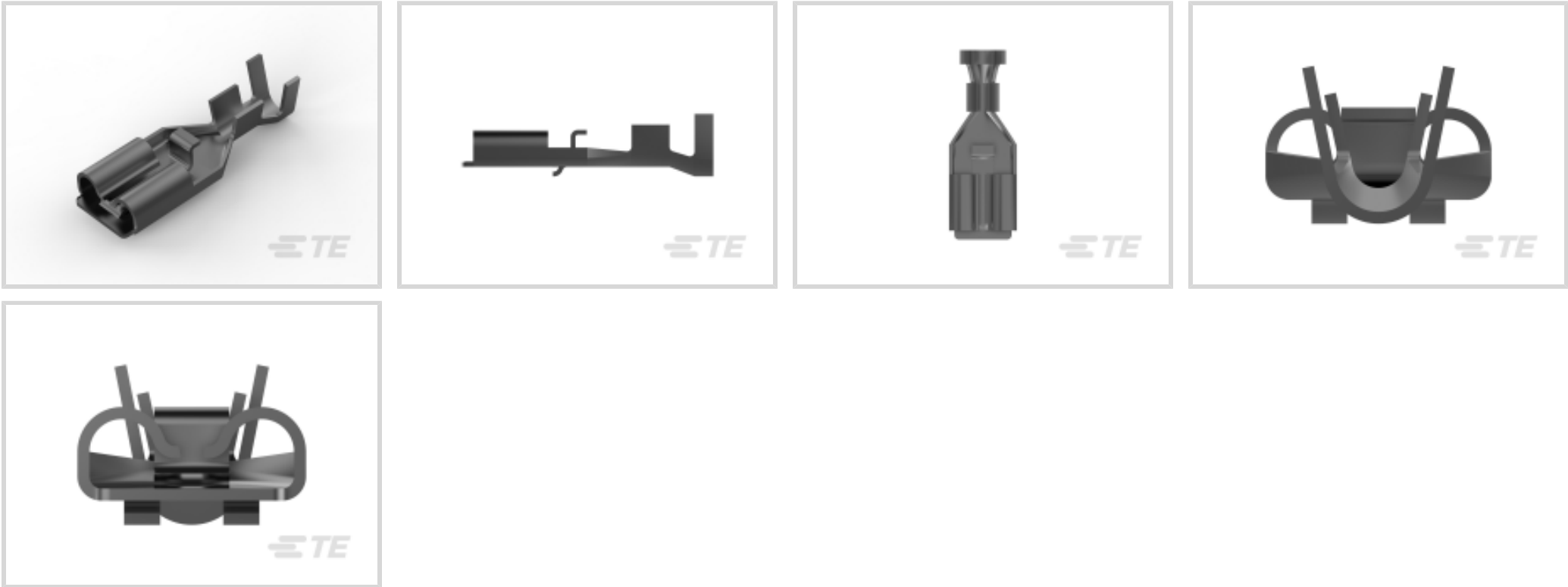




Terminals & Splices > Quick Disconnects



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

Industry Standards

Compatible With Agency/Standards Products	UL
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Termination Features

Product Terminates To	Wire & Cable
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Configuration Features

Compatible With Wire & Cable Type	Discrete Wire
Connection Capacity	Single

Mechanical Attachment

Wire Insulation Support	With
Mating Retention Type	Dimple
Extraction Force	.6 – 3 kgf

Packaging Features

Packaging Quantity	4500
Packaging Method	Strip/Reel

Dimensions



Product Length	21.2 mm[.834 in]
Compatible Insulation Diameter Range	2.21 – 3.4 mm[.087 – .134 in]
Terminal Material Thickness	.41 mm[.016 in]
Wire Size	.82 – 2.08 mm²

Product Type Features

Insertion Force	Low
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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

Usage Conditions

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

Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

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 2024 (241) Candidate List Declared Against: JUNE 2024 (241) 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 # 179970-2
PL EXII 250 REC HSG 1P NYLON RED

TE Part # 179970-4
PL EXII 250 REC HSG 1P NYLON YELLOW

TE Part # 179970-1
250 HSG. PL EX REC.

TE Part # 179970-6
PL EXII 250 REC HSG 1P NYLON BLUE

TE Part # 7-2150057-7
OCEAN_2.0_SPARE_PART_KIT-110F180F

TE Part # 2150057-2
OCEAN_2.0_APPLICATOR-E-110F180F-REA

TE Part # 179970-9
PL EXII 250 REC HSG 1P NYLON BLACK

Also in the Series | Positive Lock 250

Automotive Terminals(1)

Crimp Terminal Housings(184)

Insertion & Extraction Tools(3)

Insulation Boots & Sleeves(4)



Quick Disconnects(185)

Customers Also Bought

TE Part #1-2174298-2
5mm POWER KEY 3P HDR ASSEMBLY

TE Part #1376386-2
5mm B-T-W Conn. 4P(2row) HDR A

TE Part #2-2174298-3
5mm POWER KEY 3P HDR ASSEMBLY

TE Part #2-2232574-3
GIC 2.5 W CAP HSG 4P BLUE

TE Part #2174298-1
5mm POWER KEY 3P HDR ASSEMBLY

TE Part #2232574-1
GIC 2.5 W CAP HSG 4P NATURAL

TE Part #2232575-1
2.5 SIGNAL D/LOCK TAB CONT. M

TE Part #4-1971906-6
HEADER ASSY 12POS,KEYING-D, NEW GIC3.3

TE Part #1376382-2
5MM B-T-W CONN. 2P HDR ASSEMBL (W/O GF)

TE Part #3-1376386-5
5mm B-T-W Conn. 4P(2row) HDR A

Documents

Product Drawings

250 PL EX REC. 18-14AWG PTBR

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_179974-6_J.2d_dxf.zip



English

Customer View Model

[ENG_CVM_CVM_179974-6_J.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_179974-6_J.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

POSITIVE LOCK EX-II CONNECTORS, INSTRUCTION SHEET

Japanese

Instruction Sheet (non U.S.)

English