



Terminals & Splices > Quick Disconnects



Quick Disconnect Terminal Type: **Receptacle**

Wire Size: **.32 - .82 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	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

Wire Insulation Support	With
Mating Retention Type	Dimple

Dimensions

Terminal Material Thickness	.41 mm[.016 in]
Product Length	19.58 mm[.771 in]
Compatible Insulation Diameter Range	1.52 - 2.8 mm[.06 - .11 in]
Wire Size	.32 - .82 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	12000
Packaging Method	Strip/Reel

Product Compliance

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

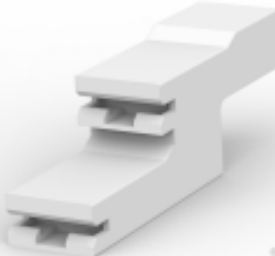
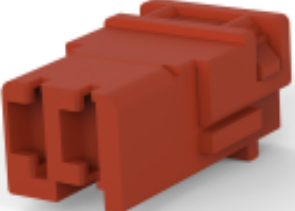
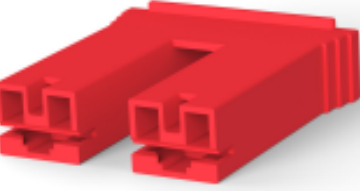
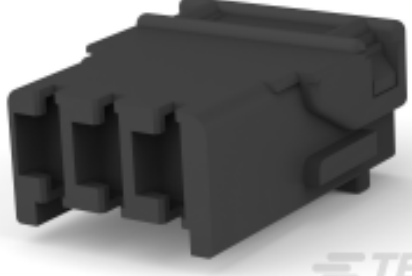
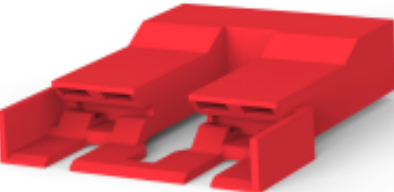
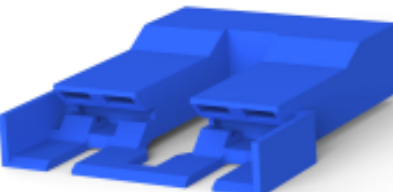
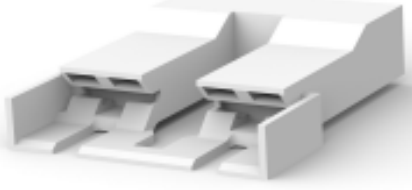
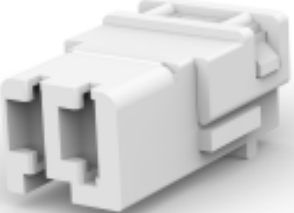
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2024 (240) Candidate List Declared Against: JAN 2024 (240) Does not 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 # 521780-1 250 HSG. PL MKIII REC. 7.11mm 5P NAT	 TE Part # 521955-1 PL MKIII 250 REC HSG 2P NYLON NAT	 TE Part # 521781-1 250 HSG. PL MKIII REC. 6.81mm 4P NAT	 TE Part # 142680-1 PL MK III 2 POS HOUSING BROEN RAL 8016
 TE Part # 1-520935-2 PL 250 HOUSING REC RED 6/6 NYLON V2	 TE Part # 1-520935-1 250 HSG. PL MKII REC. 15.11mm 2P NAT	 TE Part # 142681 HOUSING POS-LOCK MK III 3 P BLACK	 TE Part # 521766-1 250 HSG. PL MKIII REC. 10mm 2P NAT
 TE Part # 1-521253-2 FASTON PL 250 HOUSING REC RED NYLON 66/6	 TE Part # 1-521253-7 FASTON PL 250 HSG REC BLUE NYLON 66/6	 TE Part # 521253-1 PL 250 HOUSING RECEPTACLE NYLON 6/6	 TE Part # 521120-1 PL 250 HOUSING RECEPTACLE NYLON 6/6
 TE Part # 520935-5 PL&STANDARD FASTON 250 HOUSING REC BLUE	 TE Part # 520935-1 PLMKII&FASTON 250 REC HSG 2P NAT	 TE Part # 142680-9 PL 187 REC HSG 2P NYLON WHITE	 TE Part # 520935-3 PL&STANDARD FASTON 250 HOUSING REC BLA



TE Part # 1-520935-5
PL 250 HOUSING REC BLUE 6/6
NYLON V2

TE Part # 520935-7
PLMKII&FASTON 250 REC HSG 2P
BROWN

TE Part # 520935-6
PL&STANDARD FASTON 250 HSG
REC YELLOW

TE Part # 520935-4
PL&STANDARD FASTON 250 HSG
REC GREEN

Also in the Series | Mark III

Crimp Terminal Housings(30)

Quick Disconnects(15)

Also in the Series | Positive Lock 250

Automotive Terminals(1)

Crimp Terminal Housings(191)

Insertion & Extraction Tools(3)

Insulation Boots & Sleeves(4)

Quick Disconnects(186)

Customers Also Bought



TE Part # 521780-1
250 HSG. PL MKIII REC. 7.11mm 5P NAT

TE Part # 521781-1
250 HSG. PL MKIII REC. 6.81mm 4P NAT

TE Part # 176281-1
UNIV POWER CAP HSG 1P F/H NAT

TE Part # 1742594-1
205 FASTON, REC., 18-14 AWG, NPST

TE Part # 63119-1
POSITIVE LOCK 250 REC 22-18 AWG TPBR

TE Part # 63854-2
250 PL MKIII REC. 18-14AWG TPBR

TE Part # 1217113-2
187 PL MKIII REC. 22-18AWG TPBR

TE Part # 2-1644125-8
E SPRING .250 (6.3 MM) RECEPTACLE

TE Part # 6-1534796-4
AMP DUOPLUG MARK II CONNECTOR

TE Part # 1-176282-5
AMP UNIVERSAL POWER CAP 2P GREEN

Documents

Product Drawings

250 PL MKIII REC. 22-18AWG TPBR

English

CAD Files

Customer View Model

ENG_CVM_CVM_63933-2_K.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_63933-2_K.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_63933-2_K.3d_stp.zip

English

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

Datasheets & Catalog Pages



Positive Lock Receptacles

English

1654742_HOUSEHOLD_APPLIANCES_RAST5

English

Product Specifications

Application Specification

English

Agency Approvals

UL Report

English