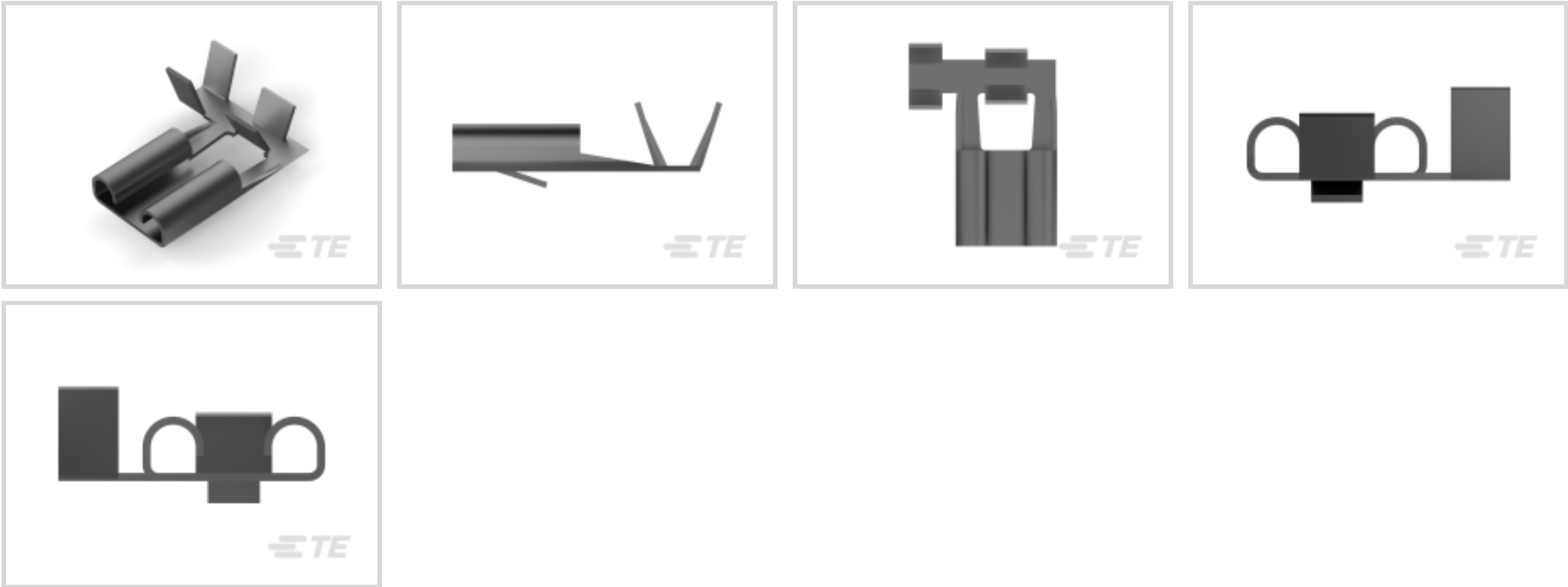




Terminals & Splices > Quick Disconnects



Quick Disconnect Terminal Type: **Receptacle**

Wire Size: **1.03 – 2.62 mm²**

Mating Tab Width: **7.92 mm [.312 in]**

Mating Tab Thickness: **.81 mm [.032 in]**

Features

Product Type Features

Insertion Force	Normal
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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	7.92 mm[.312 in]
Mating Tab Thickness	.81 mm[.032 in]
Terminal Orientation	Flag
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	Locking Lance

Dimensions

Terminal Material Thickness	.41 mm[.016 in]
Product Length	18.5 mm[.728 in]
Compatible Insulation Diameter Range	2.5 – 3.81 mm[.098 – .15 in]
Wire Size	1.03 – 2.62 mm²

Usage Conditions

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

Packaging Features

Packaging Quantity	3000
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: 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

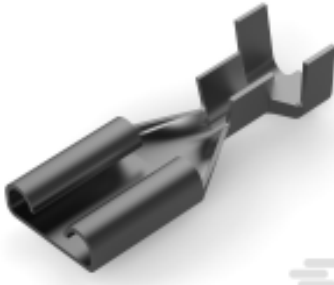
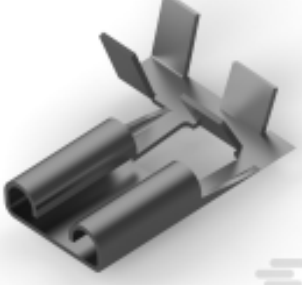
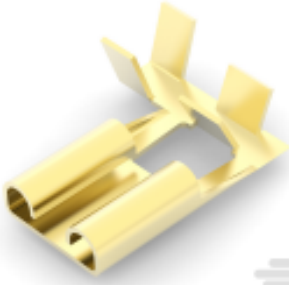
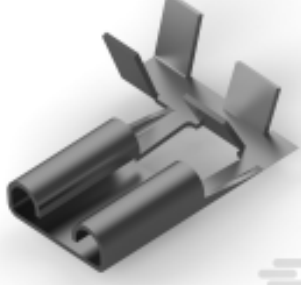
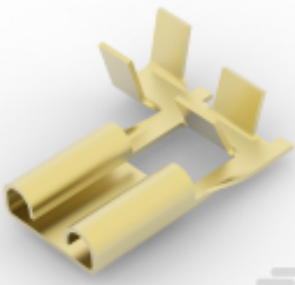
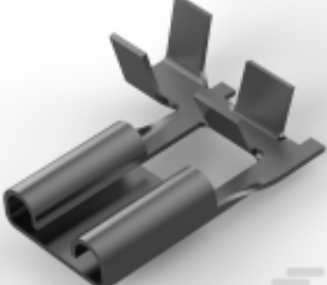
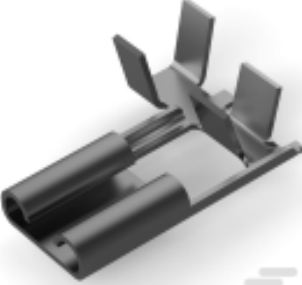
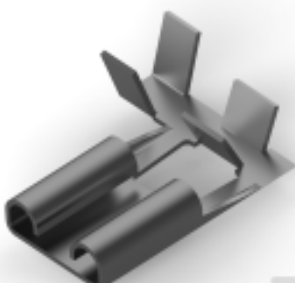
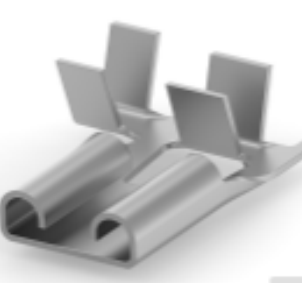
Product Compliance Disclaimer

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

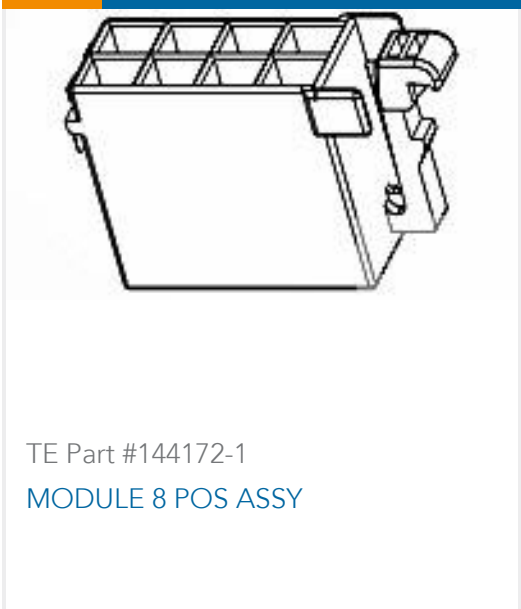
 TE Part # 42663-2 FF 312 REC 16-12AWG TPBR	 TE Part # 180453-2 FF 312 REC 1-2.5MM2 TPBR	 TE Part # 180453-1 FF 312 REC 1-2.5MM2 BR	 TE Part # 1-180453-2 FF 312 REC 1-2.5MM2
 TE Part # 170191-1 FF 312 REC 18-14AWG BR REREELING	 TE Part # 170191-3 FF 312 REC 18-14AWG TPBR REREELING	 TE Part # 180398-2 FF 250 REC 1-2.5MM2 TPBR	 TE Part # 180398-5 FF 250 REC 1-2.5MM2 TPPB
 TE Part # 180453-6 FF 312 REC 1-2.5MM2 TPPB	 TE Part # 280315-2 FF 312 REC 2.5-4MM2 PB SILVER PLATED	 TE Part # 160557-2 FF 312 REC TERMINAL 20-15 AWG TPBR	

Also in the Series | FASTIN-FASTON 312

 Crimp Terminal Housings(13)	 Quick Disconnects(10)
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Customers Also Bought



 TE Part #776539-2 AMPSEAL 16 Housings	 TE Part #DT04-12PA-CE08 REC, 12P, GRY, E, ENH KEY, A	 TE Part #HDP24-24-14PE REC, 14P, BLK, E, 4/12/16, P	 TE Part #3315-015-0005 PROTECT CVR, 48/60P, PLG, YEL, DRB
 TE Part #DRBF-2B FLANGE, MOUNT, 60/48P, BLK, B	 TE Part #144172-1 MODULE 8 POS ASSY	 TE Part #2500004-1 SRC Pwr 48+8ADG Female Recp Hsg Assy	 TE Part #1718969-1 LOCKING PLATE
 TE Part #881572-2 BUSBAR, STAMPED, CUSN4, 0.4MM, 3 POSN			

Documents

Product Drawings

FF 312 REC 1-2.5MM2 TPBR

English

CAD Files

Customer View Model

ENG_CVM_CVM_180373-2_AY.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_180373-2_AY.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_180373-2_AY.3d_stp.zip

English

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

Datasheets & Catalog Pages



1654742_HOUSEHOLD_APPLIANCES_RAST5

English

Product Specifications

Application Specification

English