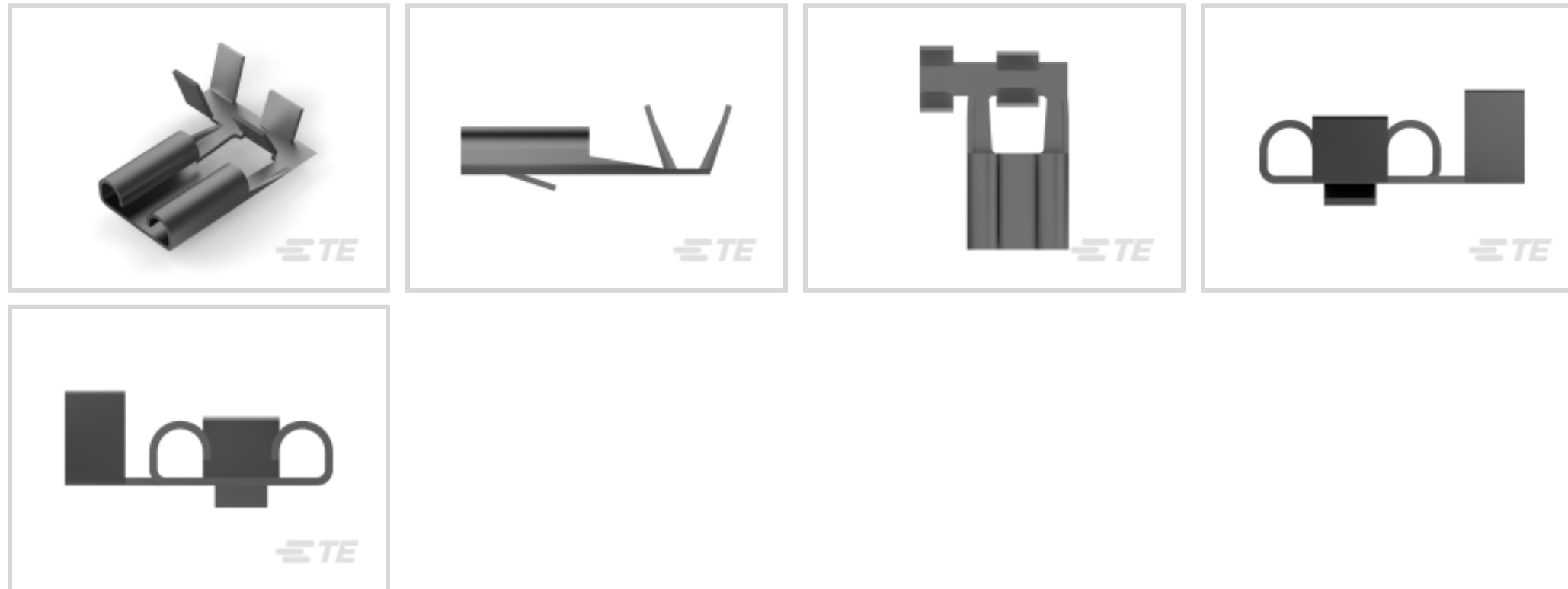




Terminals & Splices > Quick Disconnects



Quick Disconnect Terminal Type: **Receptacle**

Wire Size: 1.03 – 2.62 mm<sup>2</sup>

Mating Tab Width: 7.92 mm [.312 in]

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

## Features

### Product Type Features

Insertion Force	Normal
-----------------	--------

### 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

--	--



Product Terminates To	Wire & Cable
-----------------------	--------------

### 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 mm <sup>2</sup>

### 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 2023 (235) Candidate List Declared Against: JUNE 2023 (235) 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

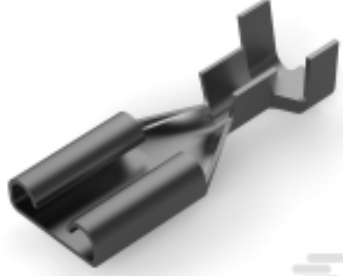
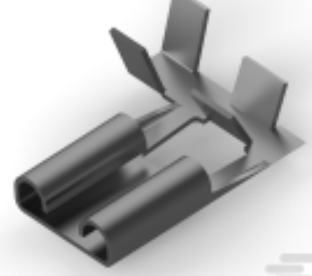
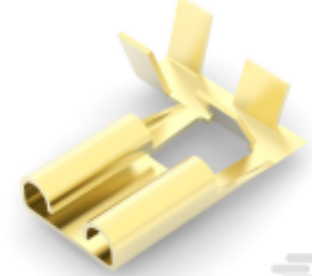
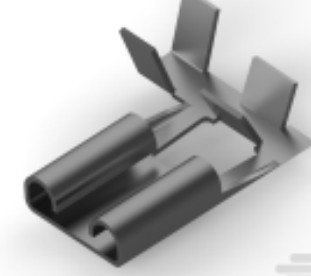

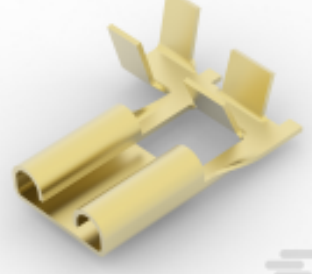
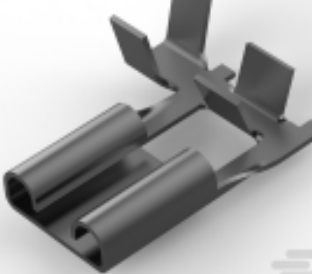
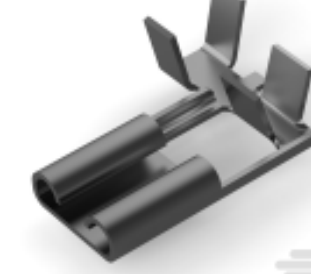
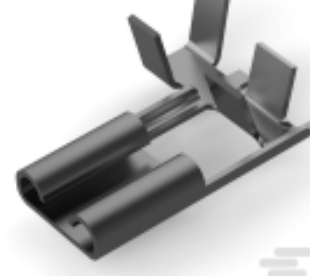
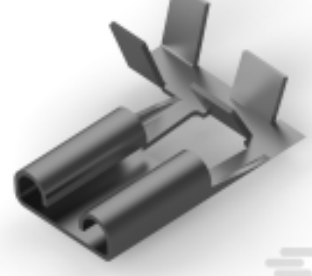
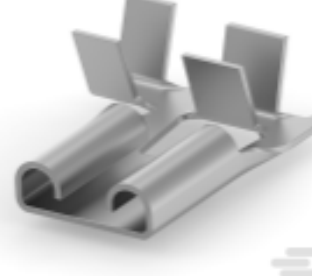
#### Product Compliance Disclaimer

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

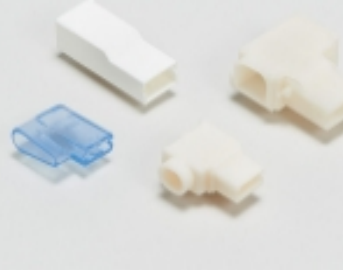
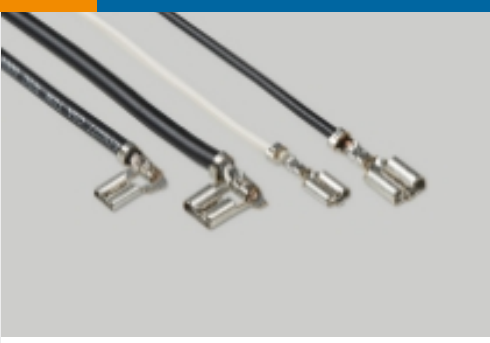


numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the 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

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

## Also in the Series | FASTIN-FASTON 312

 <p>Crimp Terminal Housings(13)</p>	 <p>Quick Disconnects(13)</p>
--	--

## Customers Also Bought



TE Part #1801176-1  
2W RECEPTACLE HPSL CONNECTOR  
BLACK



TE Part #881775-1  
ECONOSEAL, CONNECTOR  
HOUSING



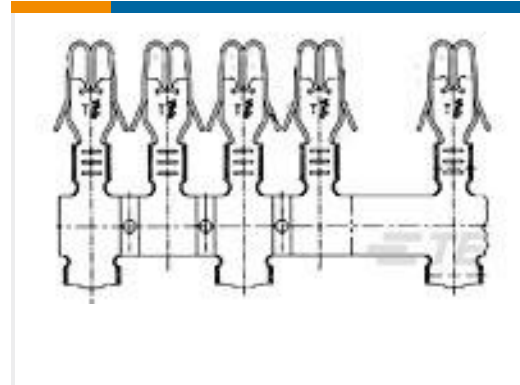
TE Part #1-963736-1  
TAB 5.8x0.8 CONTACT CS SRC Sn



TE Part #282375-1  
070 MULTILOCK RCPT CONT



TE Part #5-968221-5  
MQS0,63 Au rec CB unseal. 0,5-0,75



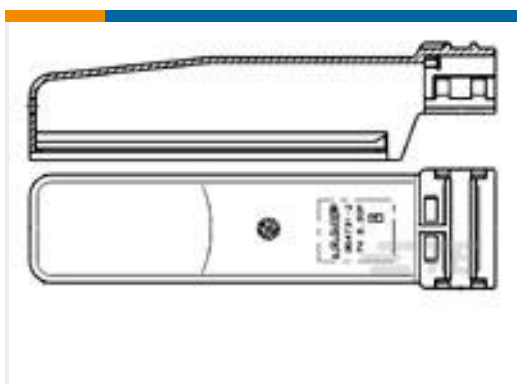
TE Part #881572-3  
FUSE CONTACT BUS BA



TE Part #1599052-1  
FF 250 TAB 4.0-6.0 MM2 PTPPHBZ



TE Part #2500022-1  
SRC Pwr 60+6AG Male Blade Hsg Assy  
2.5



TE Part #964731-1  
MICRO/JPT ABDECKKAP

## 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