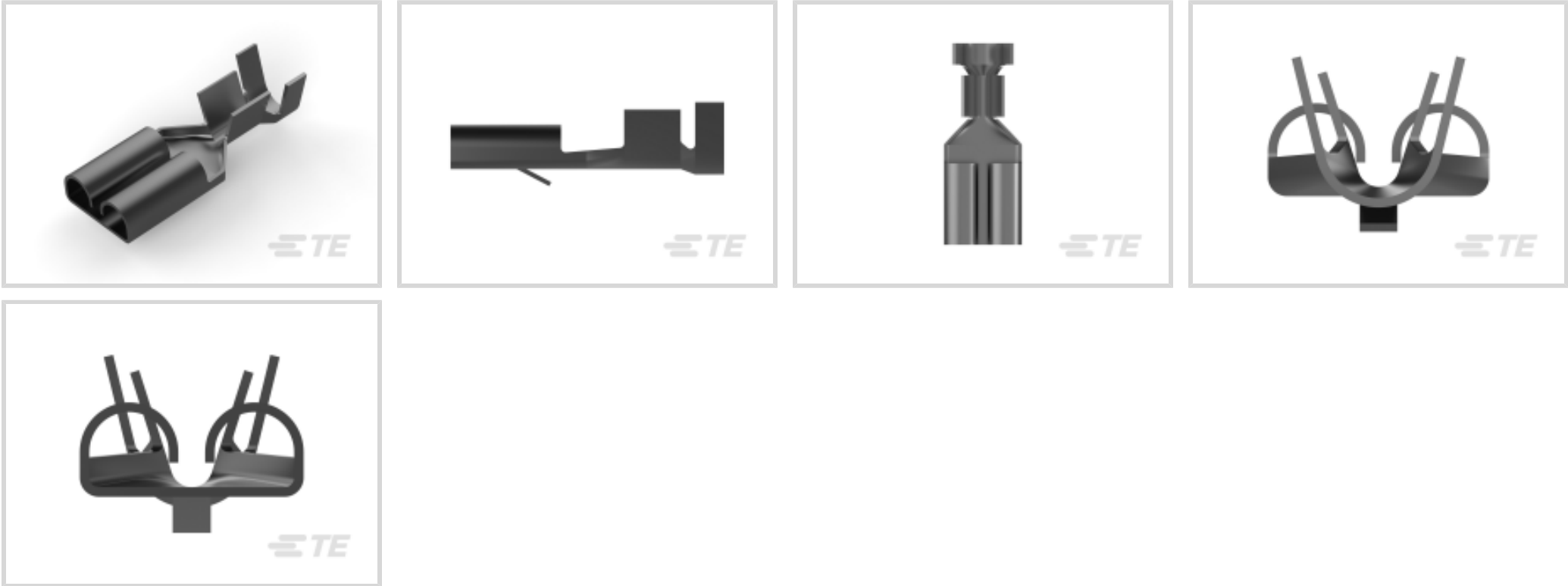




Terminals & Splices > Quick Disconnects



Terminal & Splice Type: **Receptacle**
Wire Size: **1.03 – 2.62 mm²**
Mating Tab Width: **6.35 mm [.25 in]**
Mating Tab Thickness: **.81 mm [.032 in]**

Features

Product Type Features

| | |
|-----------------|--------------|
| Wire/Cable Type | Regular Wire |
| Wire Stop | No |
| Terminates To | Wire & Cable |
| Insertion Force | Normal |
| Sealable | No |
| Insulated | No |

Configuration Features

| | |
|---------------------|--------|
| Connection Capacity | Single |
|---------------------|--------|

Electrical Characteristics

| | |
|---------------|-------|
| Voltage (Max) | 250 V |
|---------------|-------|

Body Features

| | |
|------------------|-----|
| Fully Insulated | No |
| Plating Material | Tin |

Contact Features

| | |
|---------------|------------|
| Terminal Type | Receptacle |
|---------------|------------|



| | |
|------------------------|------------|
| Terminal & Splice Type | Receptacle |
| Terminal Orientation | Straight |
| Contact Base Material | Brass |
| Crimp Type | F-Crimp |
| Barrel Type | Open |

Mechanical Attachment

| | |
|-------------------------|---------------|
| Mating Retention Type | Locking Lance |
| Locking Lance Height | .32 mm |
| Wire Insulation Support | With |

Dimensions

| | |
|--|------------------------------|
| Accepts Wire Insulation Diameter Range | 3.43 – 5.08 mm[.135 – .2 in] |
| Overall Length | 19.2 mm[.755 in] |
| Receptacle Terminal Stock Thickness | .33 mm[.013 in] |
| Wire Size | 1.03 – 2.62 mm² |
| Mating Tab Width | 6.35 mm[.25 in] |
| Mating Tab Thickness | .81 mm[.032 in] |

Usage Conditions

| | |
|-----------------------------|----------------------------|
| Operating Temperature Range | -40 – 110 °C[-40 – 230 °F] |
|-----------------------------|----------------------------|

Industry Standards

| | |
|------------------------|----------|
| UL Flammability Rating | UL 94V-2 |
|------------------------|----------|

Packaging Features

| | |
|--------------------|------------|
| Packaging Quantity | 5000 |
| Packaging Method | Strip/Reel |

Other

| | |
|---------|---|
| Comment | "According to DIN 46340, Part 3", Chamfered, Without Dimple |
|---------|---|

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 2020 (205) Candidate List Declared Against: JAN 2020 (205) Does not contain REACH SVHC |
| EU REACH Regulation (EC) No. 1907/2006 | Current ECHA Candidate List: JAN 2020 (205) Candidate List Declared Against: JAN 2020 (205) |
| 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 Regulations, TE’s information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) ‘Guidance on requirements for substances in articles’(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of ‘complex object’, the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA “Guidance on requirements for substances in articles” (June 2017, version 4.0) and will be updating its statements accordingly.

Compatible Parts



KIT

TE Model / Part # 7-2150314-7
OCEAN_2.0_SPARE_PART_KIT-110F180F



TE Model / Part # 4-1579007-3
EXTRACTION TOOL KIT



TE Model / Part # 1-1579007-4
EXTRACTION TOOL



TE Model / Part # 2-2150314-1
OCEAN_2.0_Applicator-E-110F180F



| | | | |
|---|---|--|---|
| <p>TE Model / Part # 2-2150314-2 OCEAN_2.0_Applicator-E-110F180FA</p> | <p>TE Model / Part # 2-2150427-1 OCEAN_2.0_APPLICATOR-E-110F140OV</p> | <p>TE Model / Part # 2-2150427-2 OCEAN_2.0_APPLICATOR-E-110F140OVA</p> | <p>TE Model / Part # 2150314-1 OCEAN_2.0_Applicator-E-110F180F</p> |
| <p>TE Model / Part # 2150314-2 OCEAN_2.0_Applicator-E-110F180FA</p> | <p>TE Model / Part # 2150427-1 OCEAN_2.0_APPLICATOR-E-110F140OV</p> | <p>TE Model / Part # 2150427-2 OCEAN_2.0_APPLICATOR-E-110F140OVA</p> | <p>TE Model / Part # 7-2150427-7 OCEAN_2.0_SPARE_PART_KIT-110F140OV</p> |

Also in the Series | FASTIN-FASTON 250

| | |
|-------------------------------------|-------------------------------|
| <p>Crimp Terminal Housings(214)</p> | <p>Quick Disconnects(253)</p> |
|-------------------------------------|-------------------------------|

Customers Also Bought

| | | | |
|---|---|--|---|
| <p>TE Model / Part #160913-4 FF 250 REC 2.5-4.0MM2 TPPB</p> | <p>TE Model / Part #5-160526-7 FF 250 REC 0.5-1.5MM2 TPBR</p> | <p>TE Model / Part #160655-2 FASTON 110 REC 20-15 AWG PTPB</p> | <p>TE Model / Part #185636-1 PROTECT CAP 2.5MM PLUG</p> |
|---|---|--|---|

Documents

Product Drawings
FF 250 REC 1.0-2.5MM2 TPBR
English

CAD Files
Customer View Model
ENG_CVM_CVM_6-160448-5_AR_c-6-160448-5-ar.3d_igs.zip



English

Customer View Model

[ENG_CVM_CVM_6-160448-5_AR_c-6-160448-5-ar.3d_stp.zip](#)

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_6-160448-5_AR_c-6-160448-5-ar.2d_dxf.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

[EB**General Application Specification for Open Barrel Terminals](#)

English

Application Specification

English

Product Environmental Compliance

[Product Compliance](#)

English

Product Compliance

English