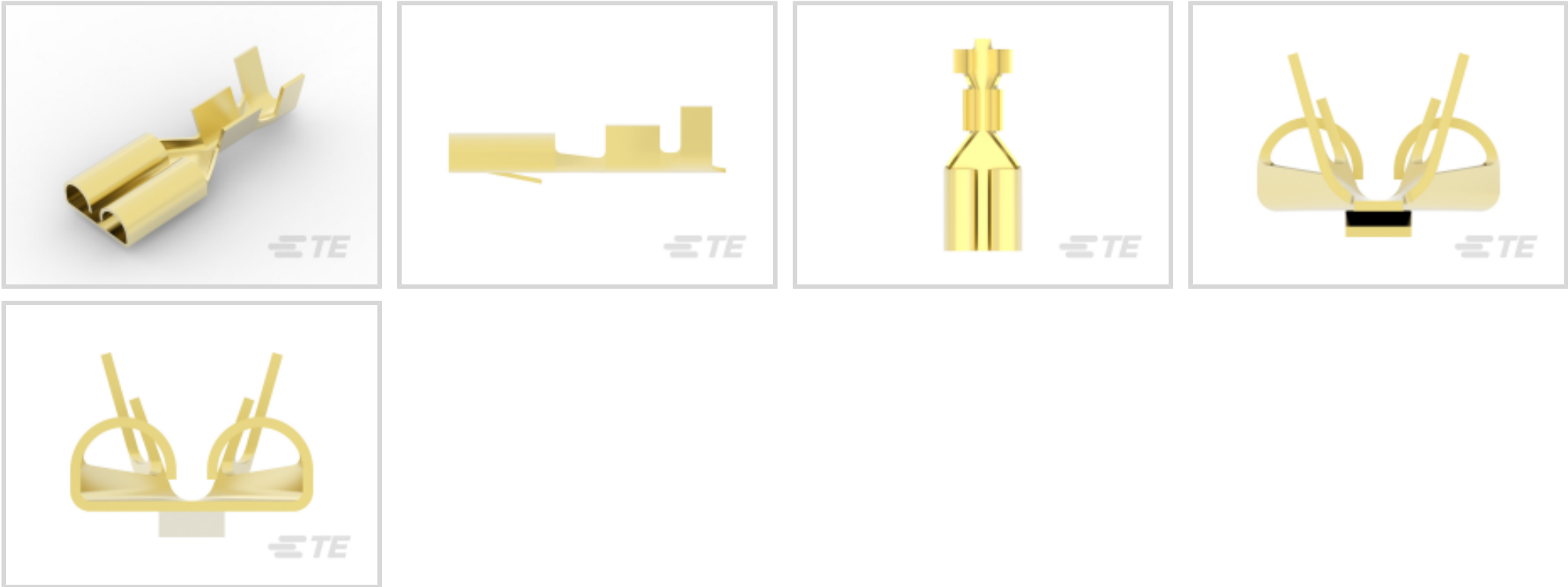




Terminals & Splices > Quick Disconnects



Quick Disconnect Terminal Type: **Receptacle**

Wire Size: **.51 – 2.08 mm²**

Mating Tab Width: **6.35 mm [.25 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               | 6.35 mm[.25 in] |
| Mating Tab Thickness           | .81 mm[.032 in] |
| Terminal Orientation           | Straight        |
| Contact Base Material          | Brass           |
| Terminal Plating Material      | Unplated        |
| Crimp Type                     | F-Crimp         |
| Barrel Type                    | Open            |

Termination Features

|  |  |
|--|--|
|  |  |
|--|--|



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

Mechanical Attachment

|                         |                   |
|-------------------------|-------------------|
| Extraction Force        | 4.9 – 34.3 Newton |
| Locking Lance Height    | .93 mm            |
| Wire Insulation Support | With              |
| Mating Retention Type   | Locking Lance     |

Dimensions

|                                      |                              |
|--------------------------------------|------------------------------|
| Terminal Material Thickness          | .33 mm[.013 in]              |
| Product Length                       | 21.5 mm[.846 in]             |
| Compatible Insulation Diameter Range | 2.2 – 3.4 mm[.086 – .134 in] |
| Wire Size                            | .51 – 2.08 mm²               |

Usage Conditions

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

Industry Standards

|                                           |         |
|-------------------------------------------|---------|
| Compatible With Agency/Standards Products | CSA, UL |
|-------------------------------------------|---------|

Packaging Features

|                    |            |
|--------------------|------------|
| Packaging Quantity | 6000       |
| 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)<br>Candidate List Declared Against: JUNE 2024 (241)<br>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

|                                                             |                                                                 |                                                                       |                                                     |
|-------------------------------------------------------------|-----------------------------------------------------------------|-----------------------------------------------------------------------|-----------------------------------------------------|
| <br>TE Part # 1989879-1<br>.250 SRS FASTIN-ON REC.          | <br>TE Part # 2150034-1<br>OCEAN_2.0_APPLICATOR-E-110F180F-REM  | <br>KIT<br>TE Part # 7-2150034-7<br>OCEAN_2.0_SPARE_PART_KIT-110F180F | <br>TE Part # 640841-1<br>BLADE REC 250 20-16AWG BR |
| <br>TE Part # 170303-1<br>FF 250 REC 22-18AWG BR WITH LATCH | <br>TE Part # 2150034-2<br>OCEAN_2.0_APPLICATOR-E-110F180FA-REA | <br>TE Part # 2819183-1<br>.250 SERIES FASTIN FASTON REC.             |                                                     |

Also in the Series | FASTIN-FASTON 250

|                                  |                                     |                      |                            |
|----------------------------------|-------------------------------------|----------------------|----------------------------|
| <br>Crimp Terminal Housings(208) | <br>Insertion & Extraction Tools(2) | <br>PCB Terminals(2) | <br>Quick Disconnects(251) |
|----------------------------------|-------------------------------------|----------------------|----------------------------|

Customers Also Bought





TE Part #3-1355136-3  
MQS1,5AUFNAHMGEH94P

TE Part #170340-1  
FF 250 TAB 20-14AWG BR WITHOUT LATCH

TE Part #170258-1  
FF 250 REC 14-12AWG BR REREELING

TE Part #1326031-8  
2.8MM BLD,SEAL,18AWG,REVREEL

TE Part #YDTS20Z13-04ANV001  
RECP ASSY

TE Part #5-1565089-1  
GRACE INERTIA CONNECTOR 3.5 2P PLATE

TE Part #31256  
TERMINAL,DG R 16-14 1/4

TE Part #2176618-2  
SMQF1W 240R 5%

TE Part #175036-2  
CONTACT REC 22-18 AWG 0.30 X 14.0 SS

TE Part #721136-7  
WIRE CRIMPER FOR MINI APPL F

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_170031-1\_AF.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_170031-1\_AF.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_170031-1\_AF.3d\_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

Product Specifications

Crimping of 250 Series Tab and Receptacle Contacts

Japanese

Application Specification

Japanese



Application Specification

Japanese

Crimping of 250 Series Tab and Receptacle Contacts

Japanese

Agency Approvals

UL Report

English