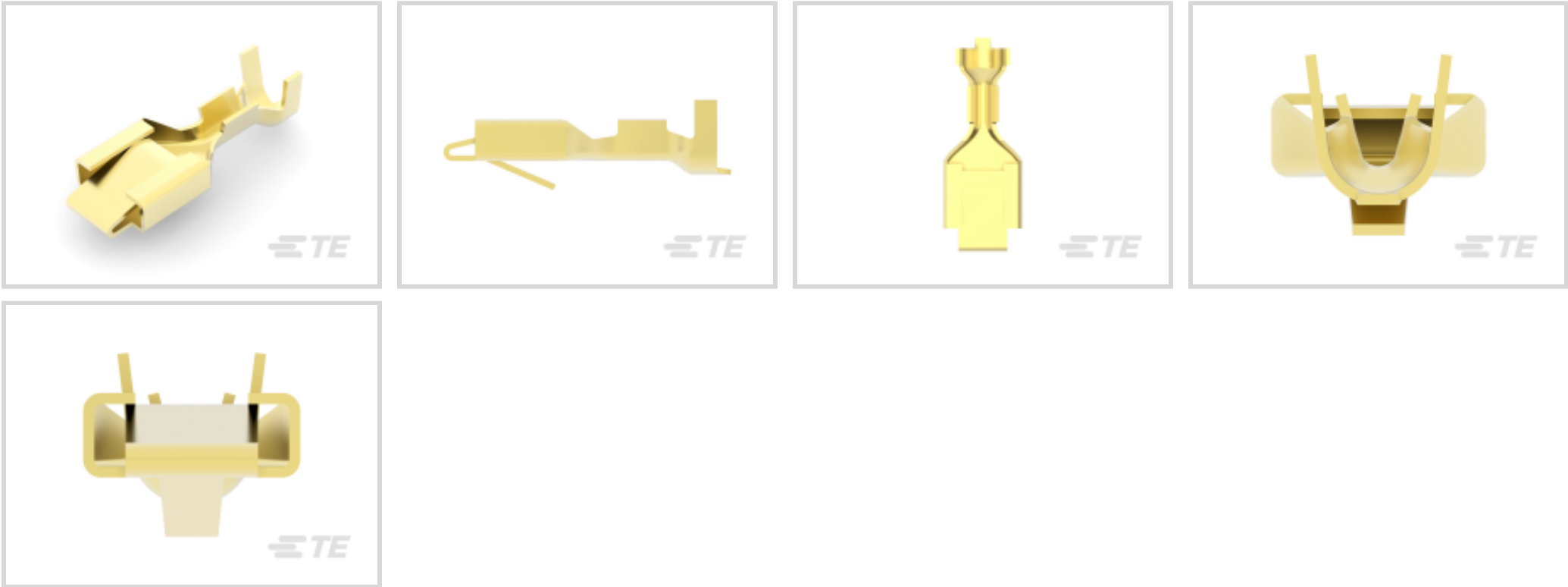




Terminals & Splices > Quick Disconnects



Quick Disconnect Terminal Type: **Receptacle**

Wire Size: **.51 – 1.31 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

|                                   |               |
|-----------------------------------|---------------|
| Compatible With Wire & Cable Type | Discrete Wire |
| Connection Capacity               | Single        |

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

|                         |        |
|-------------------------|--------|
| Wire Insulation Support | With   |
| Mating Retention Type   | Dimple |

Dimensions

|                                      |                  |
|--------------------------------------|------------------|
| Product Length                       | 20.2 mm[.796 in] |
| Compatible Insulation Diameter Range | 3.7 mm[.146 in]  |
| Terminal Material Thickness          | .46 mm[.018 in]  |
| Wire Size                            | .51 – 1.31 mm²   |

Usage Conditions

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

Industry Standards

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

Packaging Features

|                    |            |
|--------------------|------------|
| Packaging Quantity | 2500       |
| Packaging Method   | Strip/Reel |

Product Compliance

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

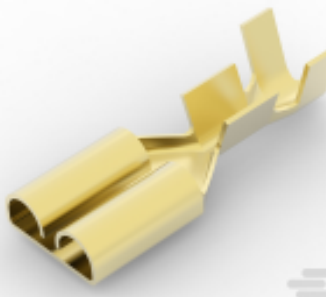
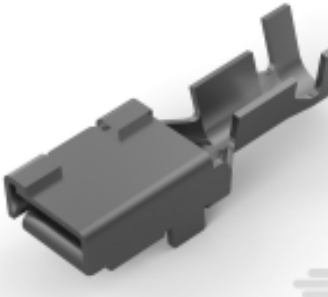
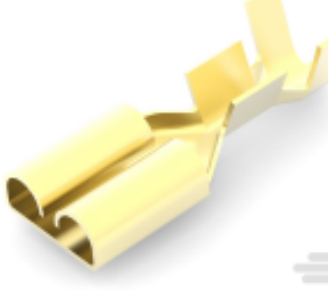
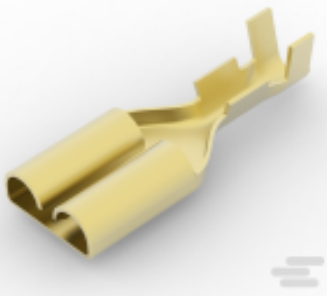
|                                               |                                                                                                                               |
|-----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| 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 2025 (247)<br>Candidate List Declared Against: JAN 2025 (247)<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



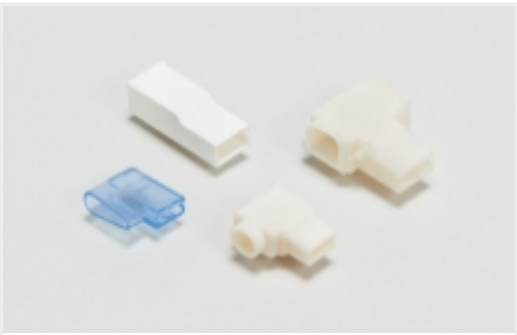
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 # 180351-1<br>FF 250 REC 4-6MM2 BR      | <br>TE Part # 170031-1<br>FF 250 REC 20-14AWG BR                | <br>TE Part # 175040-1<br>FF 187 REC 0.5-1.25MM2 PTBR            | <br>TE Part # 160913-1<br>FF 250 REC 2.5-4.0MM2 BR |
| <br>TE Part # 280095-1<br>FF 250 REC 0.3-0.8MM2 BR | <br>TE Part # 170089-1<br>FF 250 REC 14-12AWG BR               | <br>TE Part # 170092-4<br>FF 250 REC 18-14AWG TPBR<br>REREELING | <br>TE Part # 41445-1<br>FF 250 REC 18-16AWG BR   |
| <br>TE Part # 160870-1<br>FF 250 REC 0.5-1.0MM2 BR | <br>TE Part # 170303-1<br>FF 250 REC 22-18AWG BR WITH<br>LATCH |                                                                                                                                                      |                                                                                                                                        |

Also in the Series | FASTIN-FASTON 250





Crimp Terminal Housings(195)



Insertion & Extraction Tools(2)

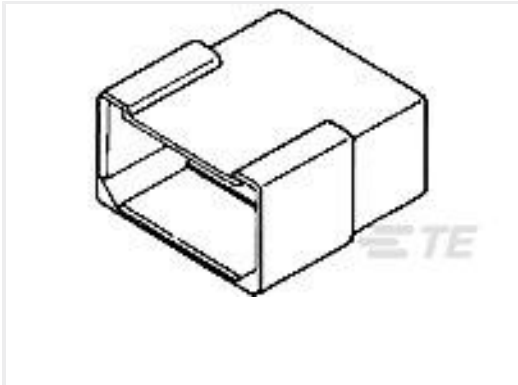


Quick Disconnects(216)

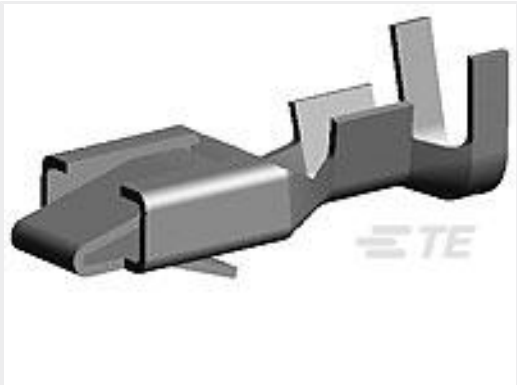
Customers Also Bought



TE Part #1062-16-0177  
SOC, SF, SIZE 16, 14-18, SN/SN



TE Part #180906-5  
FF 250 TAB HSG 6P NYLON BLACK



TE Part #640418-1  
BLADE REC 250 18-14AWG BR



TE Part #2098253-2  
SOC, SF, SIZE 16, 14-16 AWG, NI/SN



TE Part #42946-2  
RING 12-8 AWG TPBR



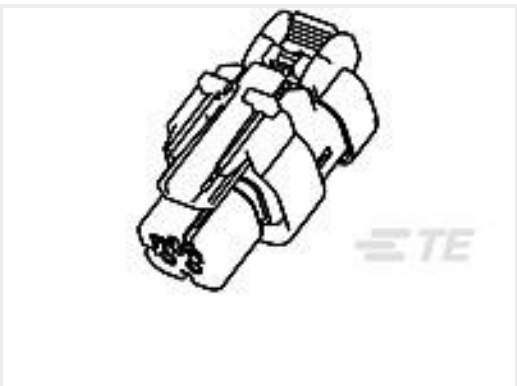
TE Part #2066046-4  
2 POS MINI FUSE BOX ASSY



TE Part #2292800-3  
AS16,PLUG BACKSHELL KIT,ST,06P, NC12



TE Part #DT04-12PA-E004  
REC, 12P, BLK, N, A



TE Part #776427-2  
AS16,PLUG ASSY,ST,02P,N SEAL, CODE B



TE Part #640418-2  
BLADE REC 250 18-14AWG TPBR

Documents

Product Drawings  
BLADE REC 250 20-16AWG BR  
English

CAD Files  
3D PDF  
3D  
Customer View Model  
ENG\_CVM\_CVM\_640841-1\_U\_c-640841-1-u.2d\_dxf.zip



English

Customer View Model

[ENG\\_CVM\\_CVM\\_640841-1\\_U\\_c-640841-1-u.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_640841-1\\_U\\_c-640841-1-u.3d\\_stp.zip](#)

English

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Datasheets & Catalog Pages

[FASTIN\\_FASTON\\_Product\\_Line](#)

English

Product Specifications

[Application Specification](#)

English

[Special 250 Blade Receptacle Terminal](#)

English