



Terminals & Splices > Quick Disconnects



Quick Disconnect Terminal 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

Termination Features

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

Configuration Features

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

Mechanical Attachment

|                         |               |
|-------------------------|---------------|
| Wire Insulation Support | With          |
| Mating Retention Type   | Locking Lance |

Packaging Features

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

Dimensions

|                                      |                              |
|--------------------------------------|------------------------------|
| Product Length                       | 19.2 mm[.756 in]             |
| Compatible Insulation Diameter Range | 3.1 – 4.1 mm[.122 – .161 in] |
| Terminal Material Thickness          | .41 mm[.016 in]              |



|           |                 |
|-----------|-----------------|
| Wire Size | 1.03 – 2.62 mm² |
|-----------|-----------------|

Product Type Features

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

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      | Tin             |
| Crimp Type                     | F-Crimp         |
| Barrel Type                    | Open            |

Usage Conditions

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

Other

|                    |           |
|--------------------|-----------|
| EU RoHS Compliance | Compliant |
| EU ELV Compliance  | Compliant |

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 # 175042-1<br>FF 187 REC 2-3MM2 PTBR               | <br>TE Part # 180398-2<br>FF 250 REC 1-2.5MM2 TPBR         | <br>KIT<br>TE Part # 7-2150235-7<br>OCEAN_2.0_SPARE_PART_KIT-110F180F | <br>TE Part # 2150235-2<br>OCEAN_2.0_Applicator-E-110F180F-REA |
| <br>TE Part # 1-1579007-4<br>EXTRACTION TOOL                   | <br>TE Part # 4-1579007-3<br>EXTRACTION TOOL KIT           | <br>TE Part # 175040-1<br>FF 187 REC 0.5-1.25MM2 PTBR                 | <br>TE Part # 626328-2<br>FF 250 RECEPTACLE 4.0-6.0 MM2 TPBR   |
| <br>TE Part # 2150235-1<br>OCEAN_2.0_Applicator-E-110F180F-REM | <br>TE Part # 626328-1<br>FF 250 RECEPTACLE 4.0-6.0 MM2 BR | <br>TE Part # 63467-1<br>FF 250 REC 14-10AWG TPBR                     |                                                                |

Also in the Series | FASTIN-FASTON 250



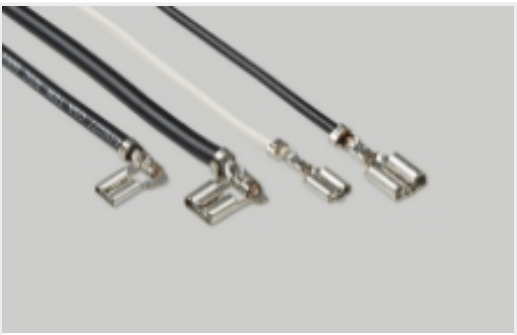
Crimp Terminal Housings(207)



Insertion & Extraction Tools(2)



PCB Terminals(2)



Quick Disconnects(250)

Customers Also Bought



TE Part #T1220160132-000  
H16B-TG-M32



TE Part #2-215570-0  
MICRO-MATCH PBC.20P



TE Part #927829-1  
SPT REC 6.3 Contact SRC Sn



TE Part #1452299-1  
FEM HSG INLI.ASY12P



TE Part #1452303-1  
INL:R.BUM.MAL HSG12



TE Part #1452299-2  
FEM HSG INLI.ASY12P



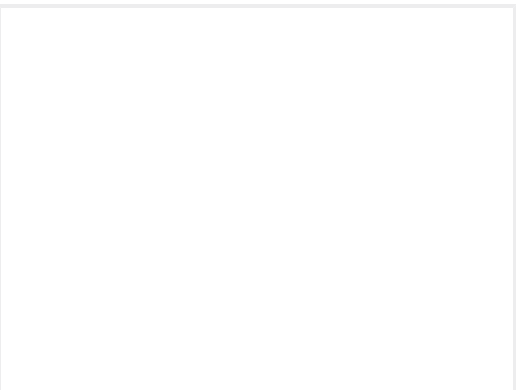
TE Part #1801823-3  
4POS,MCON 0.5 CB,REC HSG,BLUE,  
ASSY,SLD



TE Part #953363-5  
HEADER ASSY, 6W, STRAIGHT WITH  
EAR, MQS



TE Part #953440-5  
6W MQS HEADER BENT RIGHT



TE Part #6-1437839-9  
108788=RR LAMP RETAINER, BLK

Documents

Product Drawings

FF 250 REC 1.0-2.5MM2 TBBR

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_5-160446-5\_AP\_c-5-160446-5-ap.2d\_dxf.zip



English

Customer View Model

[ENG\\_CVM\\_CVM\\_5-160446-5\\_AP\\_c-5-160446-5-ap.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_5-160446-5\\_AP\\_c-5-160446-5-ap.3d\\_stp.zip](#)

English

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Product Specifications

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

English

[Application Specification](#)

English

[Application Specification](#)

English