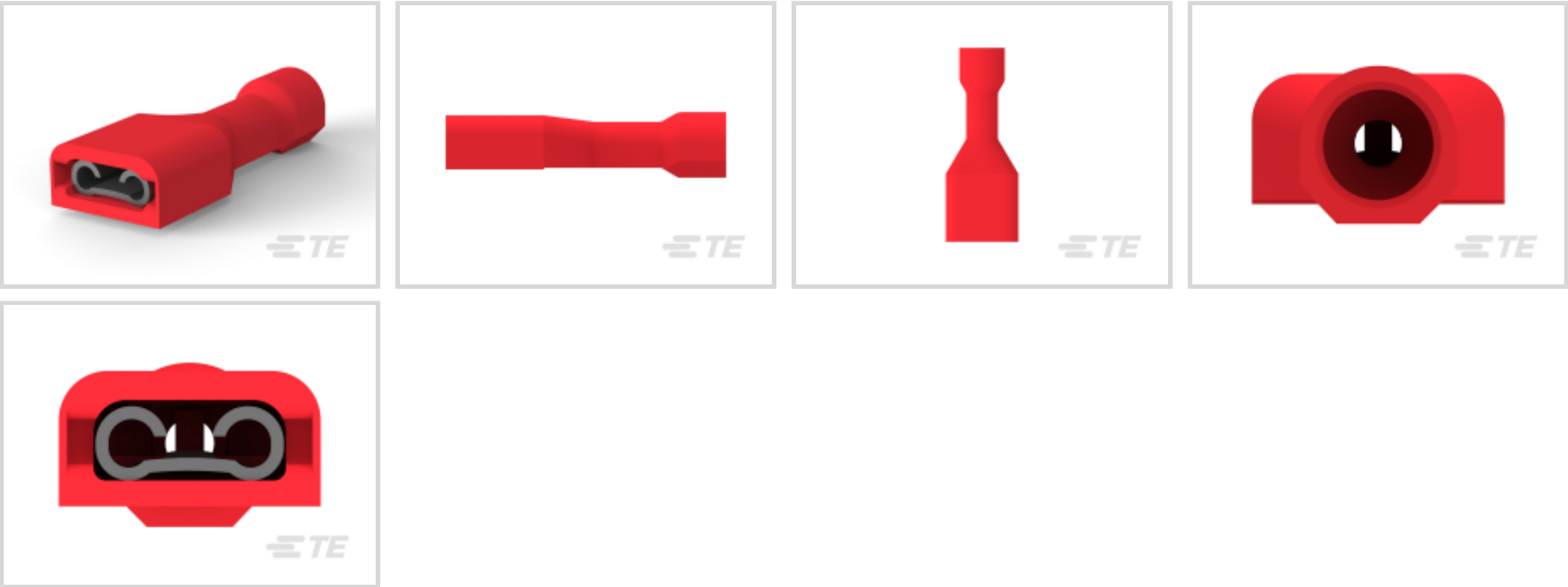




Terminals & Splices > Quick Disconnects



Quick Disconnect Terminal Type: **Receptacle**

Wire Size: .32 – .82 mm²

Mating Tab Width: 4.75 mm [.187 in]

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

Features

Product Type Features

|                   |           |
|-------------------|-----------|
| Terminal Features | Wire Stop |
| Insertion Force   | Normal    |

Configuration Features

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

Electrical Characteristics

|                |       |
|----------------|-------|
| Voltage Rating | 600 V |
|----------------|-------|

Body Features

|                     |       |
|---------------------|-------|
| Insulation Material | Nylon |
|---------------------|-------|

Contact Features

|                                |                  |
|--------------------------------|------------------|
| Quick Disconnect Terminal Type | Receptacle       |
| Mating Tab Width               | 4.75 mm[.187 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               | Closed  |

Termination Features

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

Mechanical Attachment

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

Dimensions

|                                      |                               |
|--------------------------------------|-------------------------------|
| Product Length                       | 21.75 mm[.855 in]             |
| Compatible Insulation Diameter Range | 1.52 – 3.43 mm[.06 – .135 in] |
| Terminal Material Thickness          | .41 mm[.016 in]               |
| Wire Size                            | .32 – .82 mm²                 |

Usage Conditions

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

Industry Standards

|                                           |          |
|-------------------------------------------|----------|
| Compatible With Agency/Standards Products | UL       |
| UL Flammability Rating                    | UL 94V-2 |

Packaging Features

|                    |            |
|--------------------|------------|
| Packaging Quantity | 2700       |
| Packaging Method   | Strip/Reel |

Other

|              |     |
|--------------|-----|
| Barrel Color | Red |
|--------------|-----|

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)  
Candidate List Declared Against: JAN 2025  
(247)  
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



TE Part # 58079-3  
DIES U-FAST + FASTON 22-18 DIE SET



TE Part # 2266077-2  
OCEAN\_2.0\_APPLICATOR-S-176F218F-SSA



TE Part # 7-2266077-7  
OCEAN\_2.0\_SPARE\_PART\_KIT-176F218F

Also in the Series | Ultra-Fast 187



Quick Disconnects(47)

Customers Also Bought



TE Part #2-1871570-3  
GIC 3.3 PLUG HOUSING 12POS

TE Part #63459-2  
MAG-MATE 250 F-TAB 15-16 TPBR

TE Part #NB15402001  
CRN-3/8-0-STK

TE Part #2358336-2  
SAS/PCIE 4.0 (U.2/U.3) RECEPTACLE, 68POS

TE Part #1217824-1  
TERM,POKE-IN,MAG-MATE

TE Part #63816-1  
TAB, MAG-MATE 250F TPBR

TE Part #469542-3  
FLOATING SHEAR

TE Part #36965  
SPLICE,CE 22-10

TE Part #567200-3  
APPL,HDM,TAPE 9CB W/O DIES G

TE Part #62428-3  
250 FASTON REC 12-10 AWG TPBZ

Documents

Product Drawings

ULTRA-FAST 187 ASY REC 22-18 TPBR

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_2-520403-2\_L.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_2-520403-2\_L.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_2-520403-2\_L.3d\_stp.zip

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages



Ultra-Fast and Ultra Fast Plus

English

Product Specifications

Application Specification

English

Agency Approvals

Agency Approval Document

English