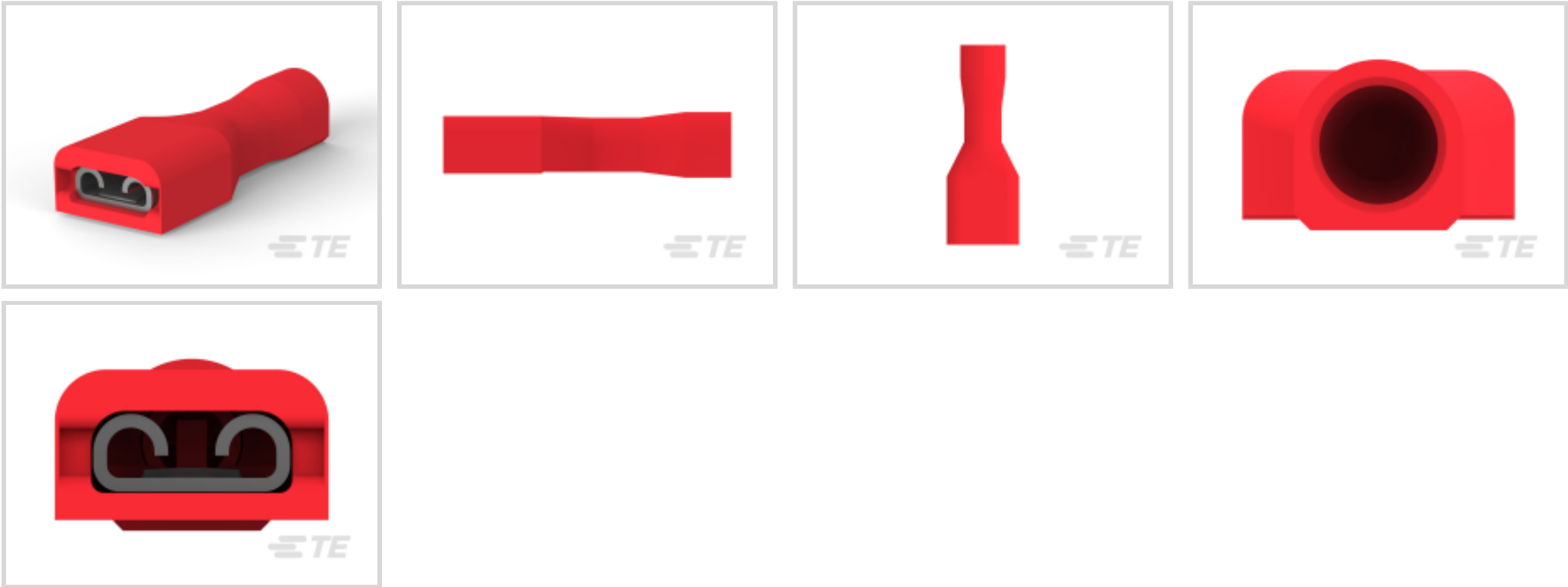




Terminals & Splices > Quick Disconnects



Quick Disconnect Terminal Type: **Receptacle**

Wire Size: **.32 – .82 mm²**

Mating Tab Width: **4.75 mm [.187 in]**

Mating Tab Thickness: **.51 mm [.02 in]**

Features

Product Type Features

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

Configuration Features

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

Body Features

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

Contact Features

|                                |                  |
|--------------------------------|------------------|
| Quick Disconnect Terminal Type | Receptacle       |
| Mating Tab Width               | 4.75 mm[.187 in] |
| Mating Tab Thickness           | .51 mm[.02 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 |
|-------------------------|------|

Dimensions

|                                      |                   |
|--------------------------------------|-------------------|
| Terminal Material Thickness          | .41 mm[.016 in]   |
| Product Length                       | 21.76 mm[.855 in] |
| Compatible Insulation Diameter Range | 3.43 mm[.135 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: JUNE 2024 (241)<br>Candidate List Declared Against: JAN 2024 (240)<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>

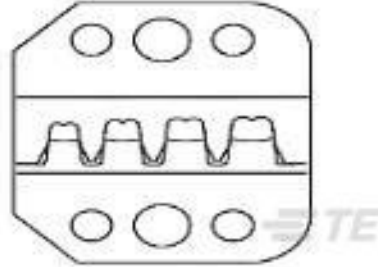
Compatible Parts



TE Part # 58628-1  
PROCrimp T&D 26-14 ULTRAFast



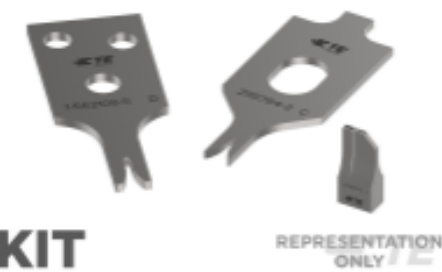
TE Part # 90390-3  
Dies ULTRA-FAST FASTON 22-18 Die SET



TE Part # 58628-2  
PROCrimp DIESET 26-14 ULTRAFast

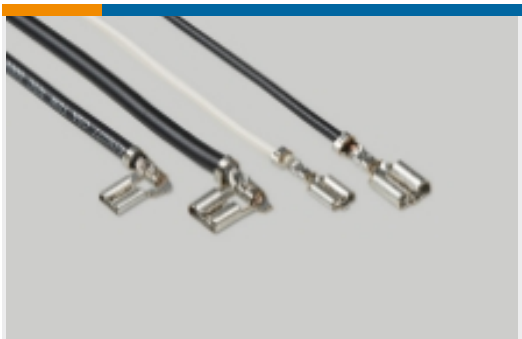


TE Part # 2151034-2  
OCEAN\_2.0\_APPLICATOR-S-176O-SSA



TE Part # 7-2151034-7  
OCEAN\_2.0\_SPARE\_PART\_KIT-176O

Also in the Series | Ultra-Fast 187



Quick Disconnects(47)



Customers Also Bought



TE Part #1-353908-0  
Mini Common Termination (CT) Housings



TE Part #521597-2  
ULTRA-POD 187 ASY REC 18-14 TPBR



TE Part #TAA756A5501-001  
M12A5-MS-FR-PUR-0.5M



TE Part #5-1625885-0  
1W SM M/OX 5% 270R



TE Part #1SNK150000R0000  
MC612



TE Part #5-520263-2  
ULTRA-FAST 250 ASY REC 22-18 AWG TPBR



TE Part #L9000142-01  
Antenna 868/915 LPWA Dome IP67 N Jack



TE Part #C58LL-RPSM-2438-NM  
RP-SMA to N Type 2458mm RG58

Documents

Product Drawings

ULTRA-FAST 187 ASY REC 22-18 AWG TPBR

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_5-520181-2\_AD\_c-5-520181-2-ad.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_5-520181-2\_AD\_c-5-520181-2-ad.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_5-520181-2\_AD\_c-5-520181-2-ad.3d\_stp.zip

English

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

Product Specifications

Application Specification

English

Agency Approvals

Agency Approval Document

English

5-520181-2

Quick Disconnects, Receptacle, 22 – 18 AWG Wire Size, .32 – .82 mm<sup>2</sup> Wire Size,  
Mating Tab Width 4.75 mm [.187 in], Straight, Brass, Ultra-Fast 187

