



Ultra-Pod | Ultra-Pod 187

TE Internal #: 520982-2

Quick Disconnects, Receptacle, 20 – 16 AWG Wire Size, .51 – 1.31 mm<sup>2</sup> Wire Size, Mating Tab Width 4.75 mm [.187 in], Straight, Brass, Ultra-Pod 187

[View on TE.com >](#)

Terminals & Splices > Quick Disconnects > ULTRA POD: Straight, Receptacle Assembly, Tin Plated, .187 inch



Quick Disconnect Terminal Type: **Receptacle**

Wire Size: **.51 – 1.31 mm<sup>2</sup>**

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

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

[All ULTRA POD: Straight, Receptacle Assembly, Tin Plated, .187 inch \(9\)](#)

Features

Product Type Features

|                 |     |
|-----------------|-----|
| Insertion Force | Low |
|-----------------|-----|

Configuration Features

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

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               | Open    |

Termination Features

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

Mechanical Attachment

|                         |      |
|-------------------------|------|
| Wire Insulation Support | With |
|-------------------------|------|

Dimensions

|                                      |                             |
|--------------------------------------|-----------------------------|
| Terminal Material Thickness          | .33 mm[.013 in]             |
| Product Length                       | 27.56 mm[1.085 in]          |
| Compatible Insulation Diameter Range | 2.29 – 3.3 mm[.09 – .13 in] |
| Wire Size                            | .51 – 1.31 mm²              |

Usage Conditions

|                             |                            |
|-----------------------------|----------------------------|
| Insulation Option           | Fully Insulated            |
| Operating Temperature Range | -40 – 150 °C[-40 – 302 °F] |

Industry Standards

|                        |           |
|------------------------|-----------|
| Agency/Standard        | CSA, UL   |
| Approved Standards     | UL E66717 |
| UL Flammability Rating | UL 94V-2  |

Packaging Features

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

Other

|              |         |
|--------------|---------|
| Barrel Color | Natural |
|--------------|---------|

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 2023 (235)  
Candidate List Declared Against: JUNE 2023 (235)  
Does not contain REACH SVHC

|                 |                                                        |
|-----------------|--------------------------------------------------------|
| Halogen Content | BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources. |
|-----------------|--------------------------------------------------------|

|                           |                                              |
|---------------------------|----------------------------------------------|
| 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 # 1855118-1  
U POD .187 STRAIGHT SAPR090F140F LM & G



TE Part # 1855118-3  
U POD .187 STRAIGHT SAPR090F140F LM

Also in the Series | Ultra-Pod 187



Quick Disconnects(22)

Customers Also Bought



TE Part #5-160430-7  
187 FASTON REC 20-16 AWG TPBR

TE Part #63445-4  
250 FASTON FLAG REC 18-12 AWG TPBR

TE Part #521282-2  
ULTRA-POD 250 ASSY REC 18-14 AWG TPBR

TE Part #1-1969529-1  
ULTRA-POD 250 ASSEMBLY REC 18-14 AWG BR

TE Part #521599-2  
ULTRA-POD 187 ASY REC 18-14 TPBR

TE Part #160739-2  
250 FASTON,PIGGYBACK REC.,18-14 AWG,TPBR

TE Part #60650-1  
250 FASTON FLAG REC 18-14 AWG BR

TE Part #679166-1  
BACKUP, TERMINAL, .130 BR

TE Part #852743-1  
CRIMPER, WIRE

TE Part #853088-1  
ANVIL

Documents

Product Drawings

ULTRA-POD 187 ASSY REC 20-16 AWG TPBR

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_520982-2\_L.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_520982-2\_L.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_520982-2\_L.3d\_stp.zip

English

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Datasheets & Catalog Pages



Ultra-Fast and Ultra Fast Plus

English

Product Specifications

Application Specification

English

Product Environmental Compliance

TE Material Declaration

English

Agency Approvals

UL Report

English