

521586-2 ✓ ACTIVE

Ultra-Pod | Ultra-Pod 187

TE Internal #: 521586-2

Quick Disconnects, Receptacle, 18 – 16 AWG Wire Size, .82 – 1.31 mm<sup>2</sup> Wire Size, Mating Tab Width .187 in [4.75 mm], 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: .82 – 1.31 mm<sup>2</sup>

Mating Tab Width: 4.75 mm [.187 in]

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

[All ULTRA POD: Straight, Receptacle Assembly, Tin Plated, .187 inch \(12\)](#)

## Features

### Product Type Features

|                 |              |
|-----------------|--------------|
| Terminates To   | Wire & Cable |
| Wire/Cable Type | Regular Wire |
| Insertion Force | Low          |
| Sealable        | No           |

### Configuration Features

|                     |        |
|---------------------|--------|
| Connection Capacity | Single |
|---------------------|--------|

### Electrical Characteristics

|               |       |
|---------------|-------|
| Voltage (Max) | 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      | .51 mm[.02 in] |
| Terminal Orientation      | Straight       |
| Contact Base Material     | Brass          |
| Terminal Plating Material | Tin            |
| Crimp Type                | F-Crimp        |
| Barrel Type               | Open           |

### Mechanical Attachment

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

### Dimensions

|  |                               |
|--|-------------------------------|
| Accepts Wire Insulation Diameter Range | 2.67 – 5.33 mm[.105 – .21 in] |
| Receptacle Terminal Stock Thickness    | .33 mm[.013 in]               |
| Overall Length                         | 27.56 mm[1.085 in]            |
| Wire Size                              | .82 – 1.31 mm <sup>2</sup>    |

### Usage Conditions

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

### Industry Standards

|                        |          |
|------------------------|----------|
| UL Flammability Rating | UL 94V-0 |
| CSA Certified          | Yes      |
| UL Rating              | Listed   |

### 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 2022  
(224)

Candidate List Declared Against: JAN 2022  
(223)

SVHC > Threshold:  
Not Yet Reviewed

|                 |   |
|-----------------|---|
| 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 |
|---------------------------|--|

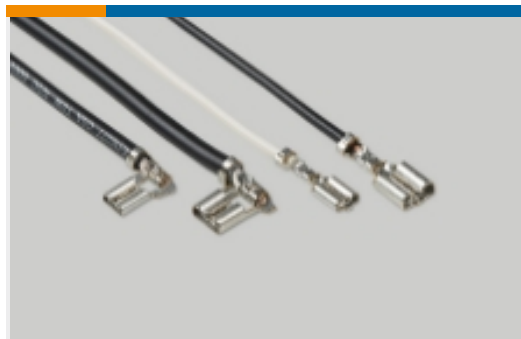
Product Compliance Disclaimer

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

|  |   |   |   |
|--|---|---|---|
|  <p>TE Part # 1385788-1<br/>U.POD .187 SAPR110F210F</p> |  <p>TE Part # 1855653-1<br/>U.POD .187 SAPR 110F190F</p> | <p>TE Part # 1855653-2<br/>U.POD .187 SAPR 110F190F</p> | <p>TE Part # 1855653-3<br/>U.POD .187 SAPR 110F190F</p> |
|--|---|---|---|

### Also in the Series | Ultra-Pod 187



Quick Disconnects(31)

### Customers Also Bought



TE Part #521411-2  
ULTRA POD: Flag, Receptacle  
Assembly, Tin Plated, .250 inch



TE Part #521597-2  
ULTRA POD: Flag, Receptacle  
Assembly, Tin Plated, .187 inch



TE Part #2132781-8  
08P EP-II HOUSING, NATURAL



TE Part #2132781-7  
07P EP-II HOUSING, NATURAL



TE Part #1-2132782-2  
12 pos. EP II breakaway retain



TE Part #521284-2  
ULTRA-POD 187 ASSY REC 20-16  
AWG TPBR



TE Part #794742-1  
12P UMNL PLUG HSG NATL



TE Part #794741-1  
09P UMNL PLUG HSG NATL

## Documents

### Product Drawings

[ULTRA-POD 187 ASSY REC 18-16 AWG TPBR](#)

English

### CAD Files

Customer View Model

[ENG\\_CVM\\_CVM\\_521586-2\\_F.2d\\_dxf.zip](#)

English

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_521586-2\\_F.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_521586-2\\_F.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

### Product Environmental Compliance

[TE Material Declaration](#)



English

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[Agency Approvals](#)

[UL Report](#)

English