

520988-1 ✓ ACTIVE

Ultra-Pod | Ultra-Pod 250

TE Internal #: 520988-1

Quick Disconnects, Receptacle, 22 – 18 AWG Wire Size, .32 – .82 mm<sup>2</sup> Wire Size, Mating Tab Width .25 in [6.35 mm], Straight, Brass, Ultra-Pod 250

[View on TE.com >](#)



Terminals & Splices > Quick Disconnects > ULTRA POD: Straight, Receptacle Assembly, Unplated, .250 inch



Quick Disconnect Terminal Type: **Receptacle**

Wire Size: .32 – .82 mm<sup>2</sup>

Mating Tab Width: 6.35 mm [.25 in]

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

[All ULTRA POD: Straight, Receptacle Assembly, Unplated, .250 inch \(16\)](#)

## 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               | 6.35 mm [.25 in] |



|                           |                 |
|---------------------------|-----------------|
| Mating Tab Thickness      | .81 mm[.032 in] |
| Terminal Orientation      | Straight        |
| Contact Base Material     | Brass           |
| Terminal Plating Material | Unplated        |
| Crimp Type                | F-Crimp         |
| Barrel Type               | Open            |

### Mechanical Attachment

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

### Dimensions

|  |                             |
|--|-----------------------------|
| Accepts Wire Insulation Diameter Range | 2.29 – 3.3 mm[.09 – .13 in] |
| Receptacle Terminal Stock Thickness    | .41 mm[.016 in]             |
| Overall Length                         | 34.67 mm[1.365 in]          |
| Wire Size                              | .32 – .82 mm <sup>2</sup>   |

### Usage Conditions

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

### Industry Standards

|                        |          |
|------------------------|----------|
| UL File Number         | E66717   |
| UL Flammability Rating | UL 94V-2 |
| CSA Certified          | Yes      |
| UL Rating              | Listed   |

### Packaging Features

|                    |            |
|--------------------|------------|
| Packaging Quantity | 2000       |
| 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

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 # 1969161-5  
ULTRA-POD 250 ASY REC 0.3-0.8  
MM2 TPBR



TE Part # 314917-1  
EXT TL 250 U-POD STR IS9726



TE Part # 2217483-2  
KIT, BTLI, DOUBLE ACTION HEAD



TE Part # 90166-1  
DAHT 250 FASTON REC 22-18 ASSY



TE Part # 2217483-1  
KIT, BTLI, DOUBLE ACTION HEAD



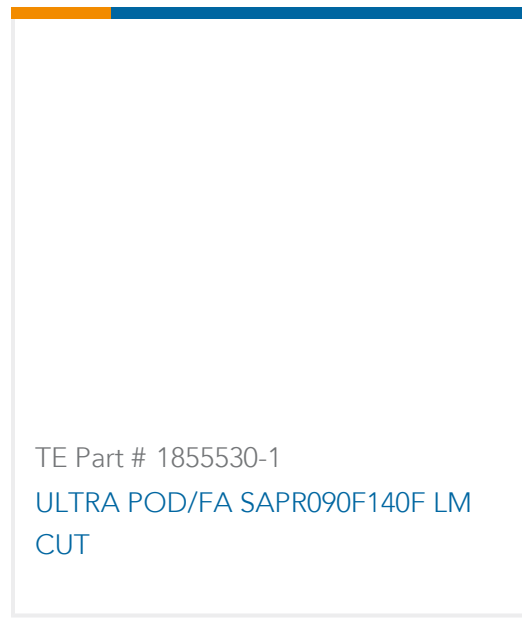
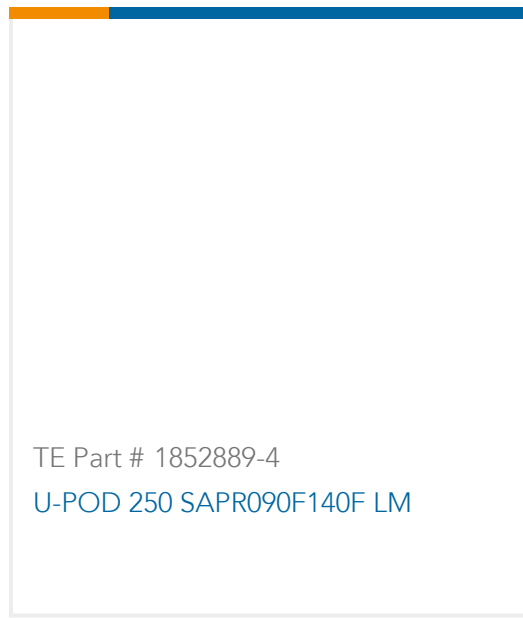
TE Part # 90165-1  
DAHT 250 FASTON REC 18-14 ASSY



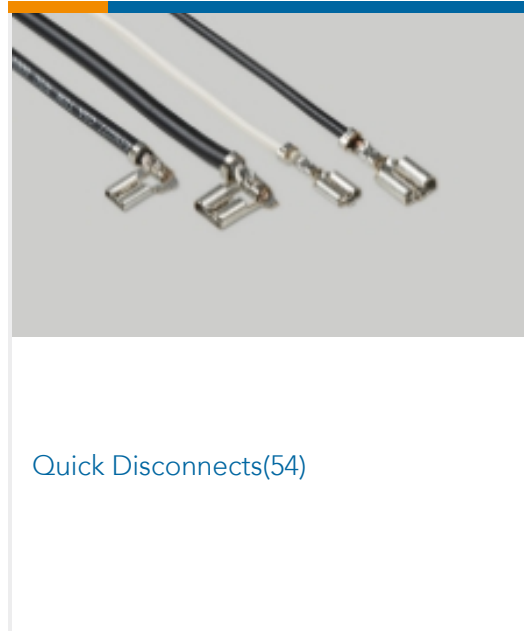
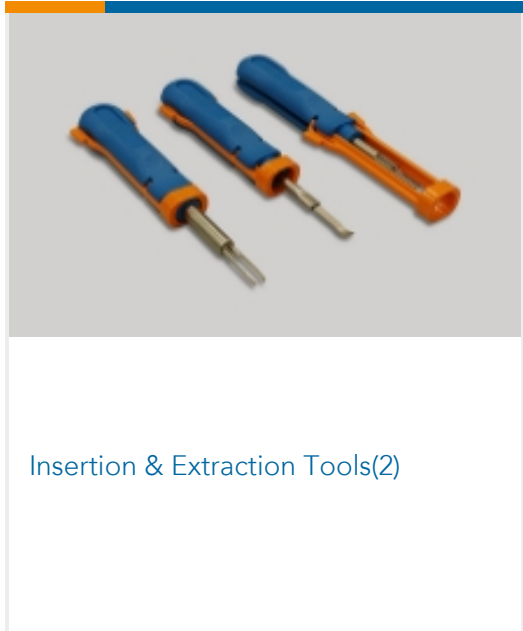
TE Part # 91514-1  
CCII FASTON 250 REC 22-18 ASSY



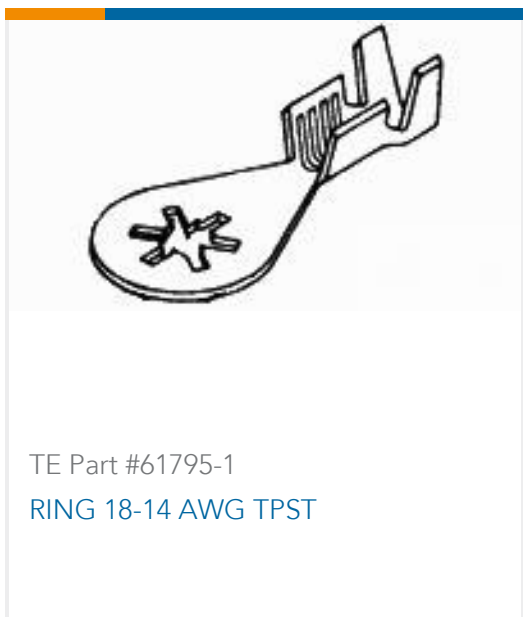
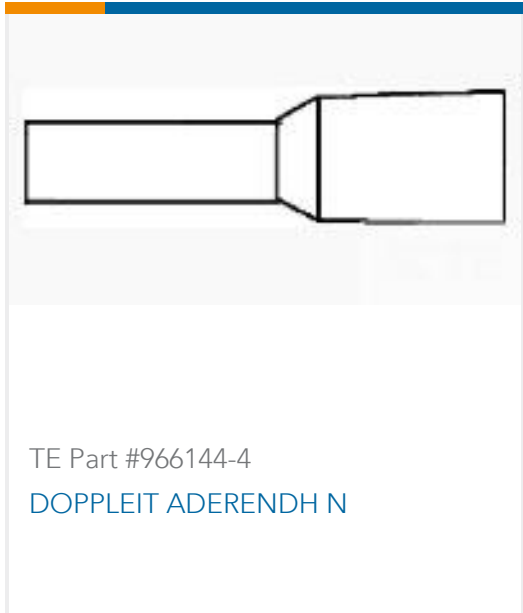
TE Part # 1852889-1  
MACH,U-POD.250 SAPR090F130F LM



Also in the Series | **Ultra-Pod 250**



Customers Also Bought





## Documents

### Product Drawings

[ULTRA-POD 250 ASSY REC 22-18 AWG BR](#)

English

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### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_520988-1\\_F.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_520988-1\\_F.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_520988-1\\_F.3d\\_stp.zip](#)

English

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

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### Datasheets & Catalog Pages

[Ultra-Fast and Ultra Fast Plus](#)

English

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### Product Specifications

[Application Specification](#)

English

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### Product Environmental Compliance

[TE Material Declaration](#)

English

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### Agency Approvals

[UL Report](#)

English

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