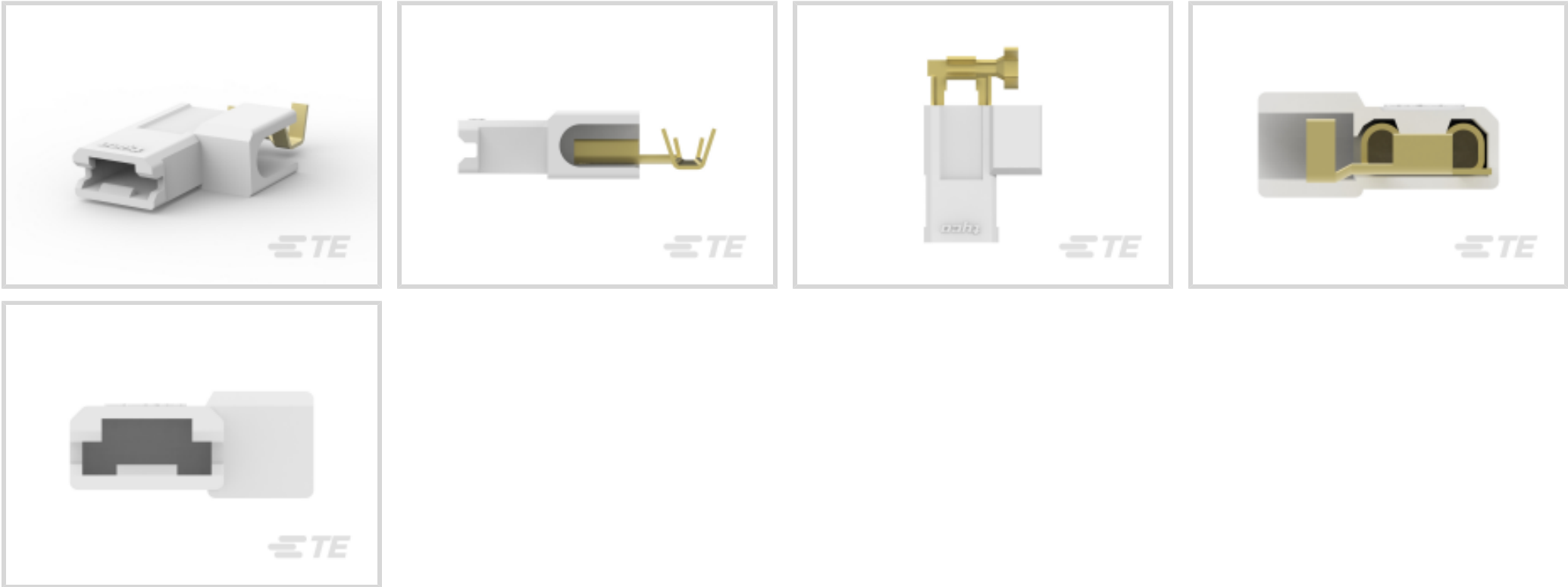




Terminals & Splices > Quick Disconnects



Quick Disconnect Terminal Type: **Receptacle**

Wire Size: **.32 – .82 mm²**

Mating Tab Width: **6.35 mm [.25 in]**

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

Features

Product Type Features

|                 |        |
|-----------------|--------|
| Insertion Force | Normal |
|-----------------|--------|

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               | 6.35 mm[.25 in] |
| Mating Tab Thickness           | .81 mm[.032 in] |
| Terminal Orientation           | Flag            |
| Contact Base Material          | Brass           |



|                           |          |
|---------------------------|----------|
| Terminal Plating Material | Unplated |
| Crimp Type                | Tab-Lok  |
| Barrel Type               | Open     |

Termination Features

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

Mechanical Attachment

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

Dimensions

|                                      |                             |
|--------------------------------------|-----------------------------|
| Terminal Material Thickness          | .41 mm[.016 in]             |
| Product Length                       | 23.03 mm[.905 in]           |
| Compatible Insulation Diameter Range | 1.27 – 2.54 mm[.05 – .1 in] |
| Wire Size                            | .32 – .82 mm²               |

Usage Conditions

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

Industry Standards

|                                           |          |
|-------------------------------------------|----------|
| Compatible With Agency/Standards Products | UL       |
| UL Flammability Rating                    | UL 94V-0 |

Packaging Features

|                    |            |
|--------------------|------------|
| Packaging Quantity | 1800       |
| 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 2024 (241)<br>Candidate List Declared Against: JUNE 2024 (241) |



|                           |                                                                                     |
|---------------------------|-------------------------------------------------------------------------------------|
|                           | 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 # CAT-UL8-25021  
ULTRA POD: Flag, Receptacle Assembly, Tin Plated, .250 inch



TE Part # 520971-1  
ULTRA-POD 250 ASY REC 18-14 AWG BR



TE Part # 521282-1  
ULTRA-POD 250 ASS REC 18-14 AWG BR LIF



TE Part # 680020-1  
MACH,U-POD FLAG9EAPR080F1400 T

Also in the Series | Ultra-Pod 250



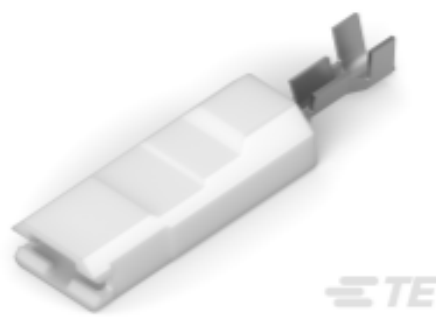
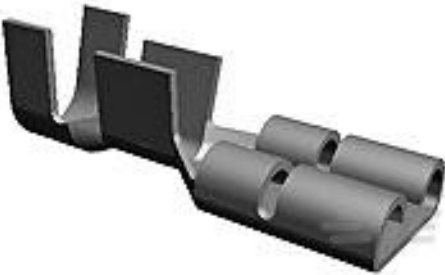
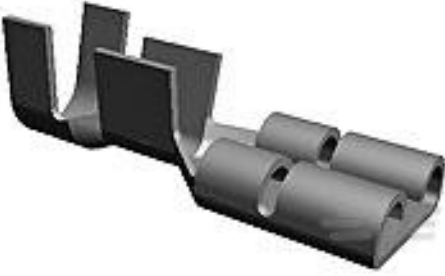
Insertion & Extraction Tools(2)



Quick Disconnects(43)

Customers Also Bought



|                                                                                                                                                                                |                                                                                                                                                                              |                                                                                                                                               |                                                                                                                                               |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
|  <p>TE Part #521368-2<br/>ULTRA POD: Straight, Receptacle Assembly, Tin Plated, 0.25 inch</p> |  <p>TE Part #521367-1<br/>ULTRA POD: Straight, Receptacle Assembly, Unplated, .250 inch</p> |  <p>TE Part #61399-1<br/>312 FASTON REC 16-12 AWG TPBR</p> |  <p>TE Part #63306-2<br/>250 FASTON REC 18-14 AWG TPBR</p> |
|  <p>TE Part #61769-1<br/>SPLICE 1200-2600 .020 BR</p>                                         |  <p>TE Part #61795-3<br/>RING 18-14 AWG TPBR</p>                                            |  <p>TE Part #42800-1<br/>187 FASTON REC 20-16 AWG BR</p>   |  <p>TE Part #63435-1<br/>250 FASTON REC 14-10 AWG SPBR</p> |

Documents

Product Drawings

ULTRA-POD 250 ASY REC 22-18 AWG BR

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_521411-1\_E.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_521411-1\_E.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_521411-1\_E.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

UL Report

521411-1

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



English

[UL Report](#)

English