



Ultra-Pod | [Ultra-Pod 250](#)

TE Internal #: 521050-2

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

[View on TE.com >](#)

Terminals & Splices > Quick Disconnects > ULTRA POD: Flag, Receptacle Assembly, Tin Plated, .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: Flag, Receptacle Assembly, Tin Plated, .250 inch \(9\)](#)

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 | Tin     |
| 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   | CSA, UL   |
| Compatible With Approved Standards Products | UL E66717 |
| UL Flammability Rating                      | UL 94V-2  |

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)  
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 # 521411-1  
ULTRA-POD 250 ASY REC 22-18 AWG BR

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

Also in the Series | Ultra-Pod 250

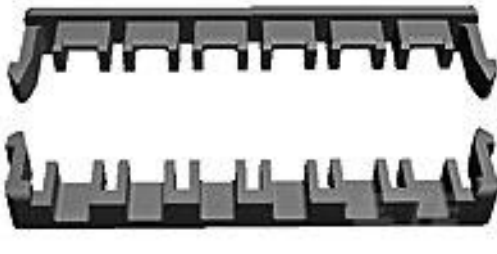
Insertion & Extraction Tools(2)

Quick Disconnects(43)

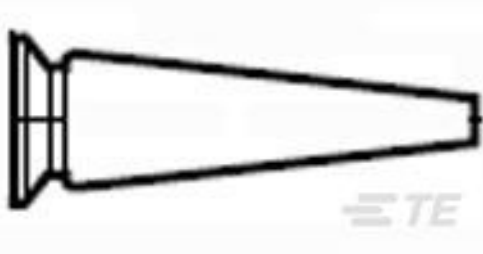
Customers Also Bought



TE Part #3-770476-1  
SL156 RECPT, SNNI/PHBZ



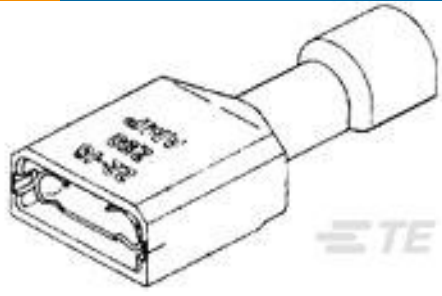
TE Part #1376395-1  
5MM POWER KEY D/L PLATE GREEN



TE Part #640254-1  
KEYING PLUG .045 SQ PST CONN



TE Part #1735801-1  
2.0mm,Crimp,Contact



TE Part #3-520140-2  
ULTRA-FAST 250 ASY REC 16-14 AWG TPBR



TE Part #42110-3  
RING TERMINAL 18-14 AWG BR



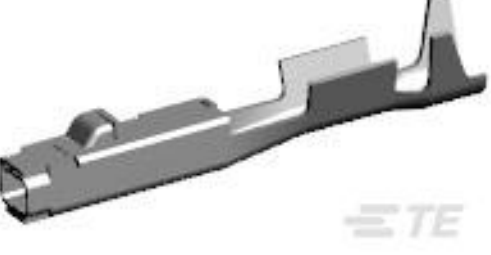
TE Part #1546670-4  
4P .437" DR BARRIER,W/BND SCRW



TE Part #683129-000  
FLHTC0311-18-0



TE Part #2-1703930-1  
NANOMQS, RECEPTACLE TERMINAL



TE Part #1670144-1  
MCON 1.2 CB REC SRC SN

Documents

Product Drawings

ULTRA-POD 250 ASY REC 22-18 NYLON TPBR

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_521050-2\_F.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_521050-2\_F.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_521050-2\_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

Agency Approvals

UL Report

English

UL Report

English