

520971-1 ✓ ACTIVE

Ultra-Pod | Ultra-Pod 250

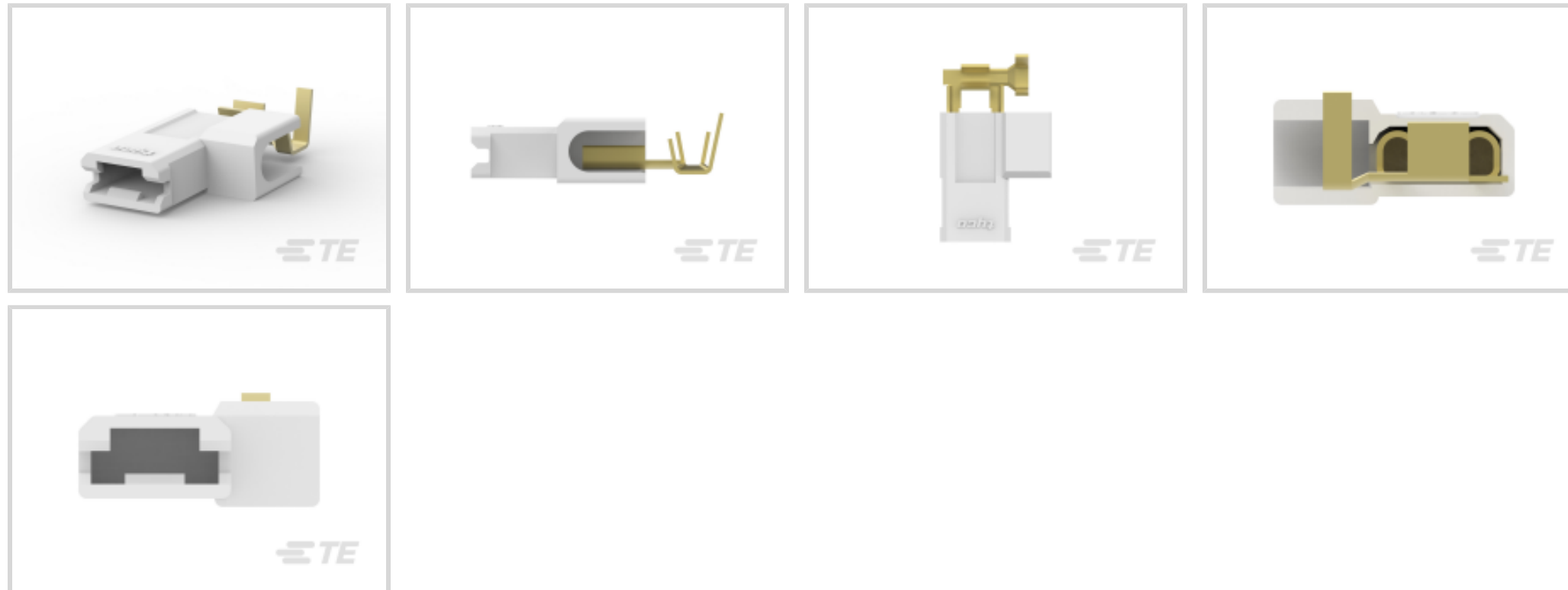
TE Internal #: 520971-1

Receptacle, 18 – 14 AWG Wire Size, .82 – 2.08 mm² 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



Quick Disconnect Terminal Type: **Receptacle**

Wire Size: **.82 – 2.08 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 |
|----------------------|------|

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|-----------------------|-------|
| Contact Base Material | Brass |
|-----------------------|-------|



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|---------------------------|----------|
| 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 | 22.99 mm[.905 in] |
|----------------|-------------------|

| | |
|--------------------------------------|------------------------------|
| Compatible Insulation Diameter Range | 2.79 – 4.06 mm[.11 – .16 in] |
|--------------------------------------|------------------------------|

| | |
|-----------|----------------------------|
| Wire Size | .82 – 2.08 mm ² |
|-----------|----------------------------|

Usage Conditions

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

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

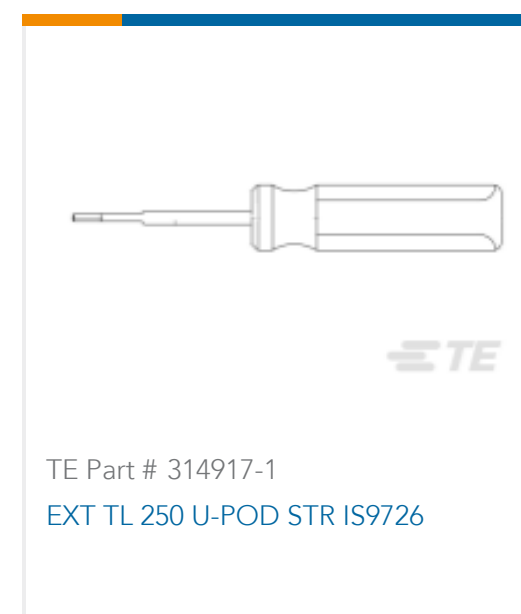
Solder Process Capability

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



Also in the Series | [Ultra-Pod 250](#)



Insertion & Extraction Tools(2)



Quick Disconnects(43)

Customers Also Bought

TE Part #350766-1
03P UMNL PLUG HSGTE Part #42486-2
187 FASTON FLAG REC 20-16 AWG
TPBRTE Part #350536-1
UMNL SOK 20-14 .0126 PTPBRTE Part #521411-1
ULTRA-POD 250 ASY REC 22-18 AWG
BRTE Part #521282-1
ULTRA-POD 250 ASS REC 18-14 AWG
BR LIFTE Part #170325-1
187 PL MKII REC. 20-16AWG PTBRTE Part #63609-1
250 FASTON REC 22-18 AWG BRTE Part #520988-1
ULTRA-POD 250 ASSY REC 22-18
AWG BRTE Part #1969507-2
250 FASTON HSG., FLAG, REC., 1 POS,
NATURALTE Part #5-1969536-4
HSG, RECP, POSILOK MKIII, 250SER, 3P,
2CIR

Documents

Product Drawings

[ULTRA-POD 250 ASY REC 18-14 AWG BR](#)

English

CAD Files

[3D PDF](#)

[3D](#)

[Customer View Model](#)

[ENG_CVM_CVM_520971-1_T.2d_dxf.zip](#)



English

Customer View Model

[ENG_CVM_CVM_520971-1_T.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_520971-1_T.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

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

English

Product Specifications

[Application Specification](#)

English

Agency Approvals

[UL Report](#)

English

[UL Report](#)

English