

521011-1 ✓ ACTIVE

Ultra-Pod | Ultra-Pod 250

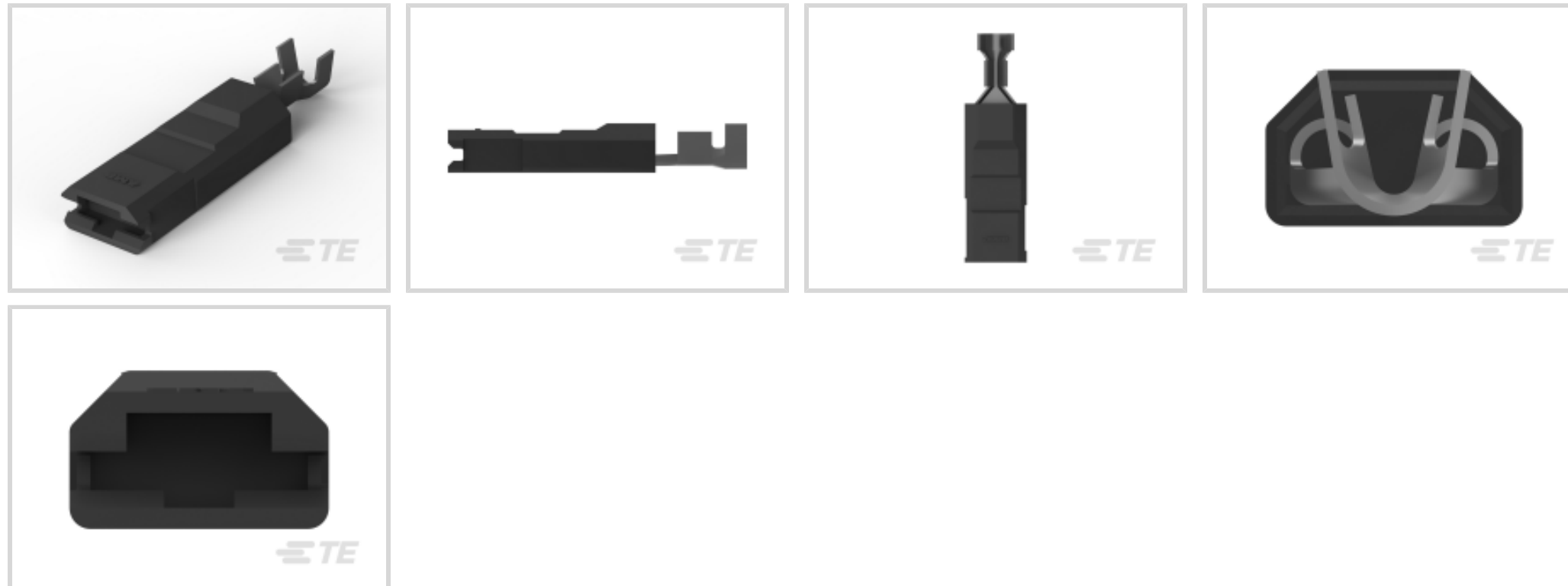
TE Internal #: 521011-1

Quick Disconnects, Receptacle, 18 – 14 AWG Wire Size, .82 – 2.08 mm² Wire Size, Mating Tab Width 6.35 mm [.25 in], Straight, Steel, Ultra-Pod 250

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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 | Low |
|-----------------|-----|

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 | Straight |
|----------------------|----------|

| | |
|-----------------------|-------|
| Contact Base Material | Steel |
|-----------------------|-------|



| | |
|---------------------------|--------|
| Terminal Plating Material | Nickel |
|---------------------------|--------|

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|------------|---------|
| Crimp Type | F-Crimp |
|------------|---------|

| | |
|-------------|------|
| 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 | 34.67 mm[1.365 in] |
|----------------|--------------------|

| | |
|--------------------------------------|------------------------------|
| Compatible Insulation Diameter Range | 2.79 – 4.32 mm[.11 – .17 in] |
|--------------------------------------|------------------------------|

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

Usage Conditions

| | |
|-------------------|-----------------|
| Insulation Option | Fully Insulated |
|-------------------|-----------------|

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

Industry Standards

| | |
|-----------------|---------|
| Agency/Standard | CSA, UL |
|-----------------|---------|

| | |
|--------------------|-----------|
| Approved Standards | UL E66717 |
|--------------------|-----------|

| | |
|------------------------|----------|
| UL Flammability Rating | UL 94V-2 |
|------------------------|----------|

Packaging Features

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

| | |
|------------------|------------|
| Packaging Method | Strip/Reel |
|------------------|------------|

Other

| | |
|--------------|-------|
| Barrel Color | Black |
|--------------|-------|

| | |
|-----------------------------|--------------------------------|
| Terminals & Splices Comment | UL recognized for 18 AWG only. |
|-----------------------------|--------------------------------|

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 2023 (235)
 Candidate List Declared Against: JUNE 2023 (235)
 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

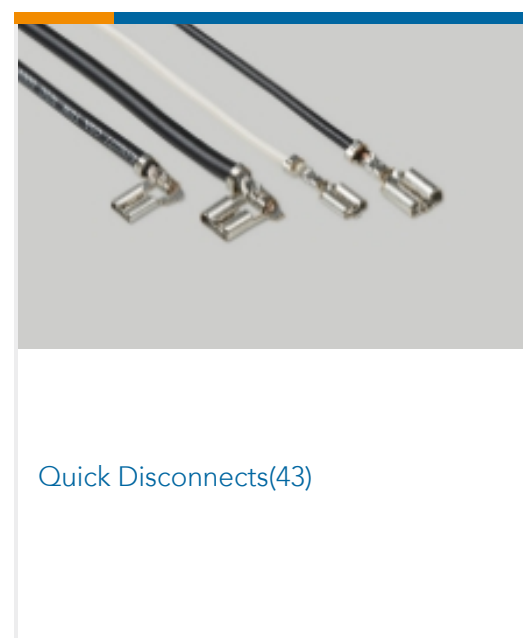
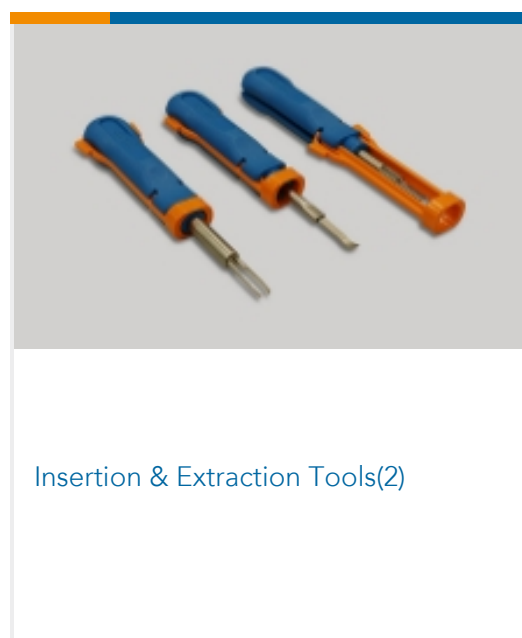
Product Compliance Disclaimer

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



Customers Also Bought



TE Part #5-1971773-4
PTL 1X4 PLUG HSG HIGH TEMP KEY
A LGR



TE Part #521368-2
ULTRA-POD 250 ASSY REC 22-18
AWG TPBR



TE Part #8-1625963-5
HSA5 150R 5%



TE Part #4-520448-2
ULTRAFAST 250 ASSY REC 12-10
TPBR LP



TE Part #2-520182-2
ULTRAFAST 187 ASSY REC 22-18
TPBR LP



TE Part #1423675-3
W57-XB7A4A10-5=CKTBKR,THERM,PB



TE Part #1-1393249-8
W58-XB1A4A-4=W58



TE Part #521600-2
ULTRA-POD 187 ASY REC 22-18 AWG
TPBR



TE Part #456134-5
CRIMPER, INSULATION "F"(,130)



TE Part #240833-1
PLATE, REAR SHEAR

Documents

Product Drawings

[ULTRA-POD 250 ASSY REC 18-14 AWG NPST](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_521011-1_H.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_521011-1_H.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_521011-1_H.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

Agency Approvals

Agency Approval Document

English