

3-520116-2 ✓ ACTIVE

Ultra-Fast | Ultra-Fast 250

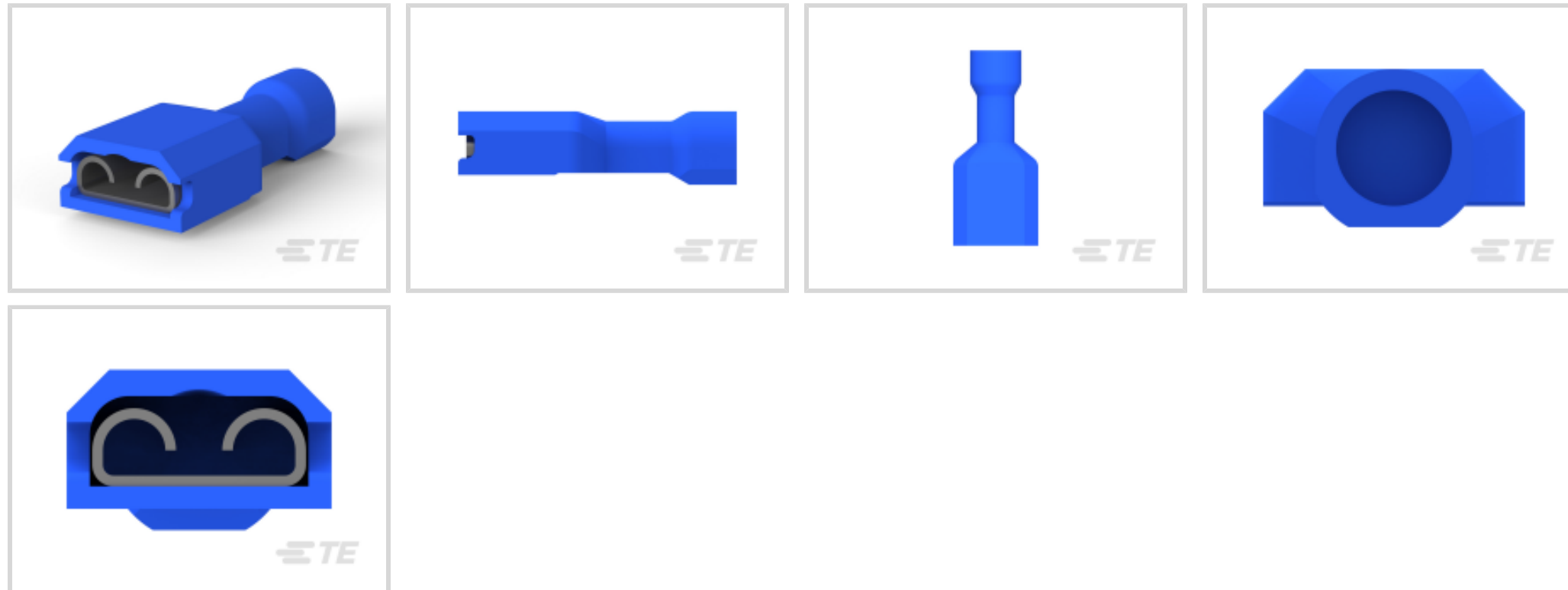
TE Internal #: 3-520116-2

Quick Disconnects, Receptacle, 16 – 14 AWG Wire Size, 1.31 – 2.08 mm² Wire Size, Mating Tab Width .25 in [6.35 mm], Straight, Brass, Ultra-Fast 250

[View on TE.com >](#)



Terminals & Splices > Quick Disconnects



Quick Disconnect Terminal Type: **Receptacle**

Wire Size: 1.31 – 2.08 mm²

Mating Tab Width: 6.35 mm [.25 in]

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

Features

Product Type Features

| | |
|-----------------|--------------|
| Terminates To | Wire & Cable |
| Wire/Cable Type | Regular Wire |
| Wire Stop | Yes |
| Insertion Force | Normal |
| 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 | Tin |
| Crimp Type | F-Crimp |
| Barrel Type | Closed |

Mechanical Attachment

| | |
|-------------------------|--------|
| Mating Retention Type | Dimple |
| Wire Insulation Support | With |

Dimensions

| | |
|--|-----------------------------|
| Accepts Wire Insulation Diameter Range | 4.06 mm[.16 in] |
| Receptacle Terminal Stock Thickness | .41 mm[.016 in] |
| Overall Length | 21.75 mm[.855 in] |
| Wire Size | 1.31 – 2.08 mm ² |

Usage Conditions

| | |
|-----------------------------|----------------------------|
| Insulation Option | Uninsulated |
| Operating Temperature Range | -40 – 110 °C[-40 – 230 °F] |

Industry Standards

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

Packaging Features

| | |
|--------------------|------------|
| Packaging Quantity | 2200 |
| Packaging Method | Strip/Reel |

Other

| | |
|--------------|------|
| Barrel Color | Blue |
|--------------|------|

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: JUNE 2022 (224)

Does not contain REACH SVHC

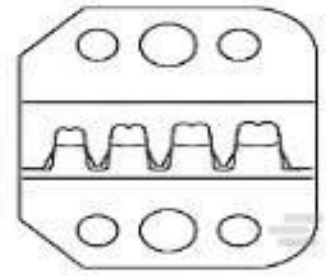
| | |
|-----------------|---|
| Halogen Content | Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free |
|-----------------|---|

| | |
|---------------------------|--|
| 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 # 58628-2
PROCIMP DIESET 26-14 ULTRAFAST



TE Part # 58628-1
PROCIMP T&D 26-14 ULTRAFAST



TE Part # 90391-3
DIES ULTRA-FAST FASTON 16-14 DIE SET



TE Part # 2-2151032-2
OCEAN_2.0_APPLICATOR-S-205D



TE Part # 2151032-2
OCEAN_2.0_APPLICATOR-S-205D



TE Part # 7-2151032-2
OCEAN_2.0_APPLICATOR-S-205D



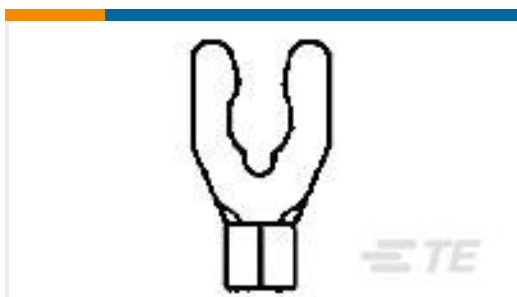
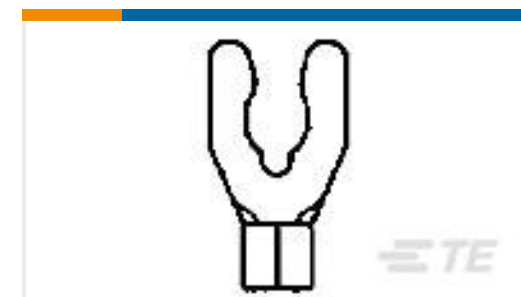
TE Part # 7-2151032-7
OCEAN_2.0_SPARE_PART_KIT-205D

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



Quick Disconnects(49)

Customers Also Bought

TE Part #1-480704-2
06P UMNL PLUG HSG REDTE Part #2-33460-2
TERMINAL,SOLIS R 8 10TE Part #1-480700-2
03P UMNL PLUG HSG REDTE Part #1-480700-6
03P UMNL PLUG HSG BLUTE Part #53128-2
TERMINAL,SOLIS SPR SPD 12-10TE Part #62276-1
250 FASTON REC 18-14 AWG TPBRTE Part #321463
SOLIS SPD 22-16COMM 22-18MIL 4TE Part #53125-2
TERM,SOLIS, SPR SPD, 16-14, #10, TAPETE Part #1-1703082-1
3POS MT - EDGE HOUSING

Documents

Product Drawings

[ULTRA-FAST 250 ASY REC 16-14 AWG TPBR](#)

English

CAD Files

[3D PDF](#)

[3D](#)

[Customer View Model](#)

[ENG_CVM_CVM_3-520116-2_N.2d_dxf.zip](#)



English

Customer View Model

[ENG_CVM_CVM_3-520116-2_N.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_3-520116-2_N.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

[MD_3-520116-2_022720182355_dmtec](#)

English

[MD_3-520116-2_022720182355_dmtec](#)

English

Agency Approvals

[UL](#)

English