

2-520102-1 ✓ ACTIVE

Ultra-Fast | Ultra-Fast 250

TE Internal #: 2-520102-1

Tab, 22 – 18 AWG Wire Size, .32 – .82 mm<sup>2</sup> Wire Size, Mating Tab

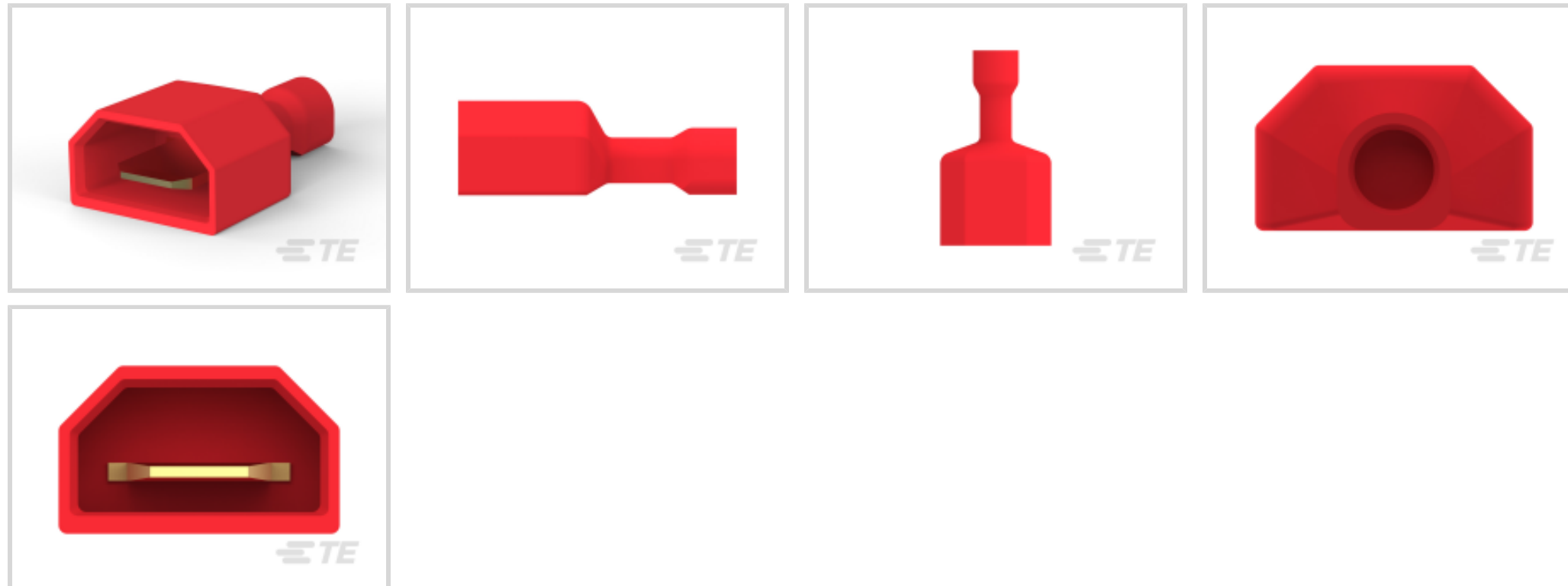
Width 6.35 mm [.25 in], Straight, Brass, Ultra-Fast 250, Quick

Disconnects

[View on TE.com >](#)



Terminals & Splices > Quick Disconnects



Quick Disconnect Terminal Type: **Tab**

Wire Size: .32 – .82 mm<sup>2</sup>

Mating Tab Width: 6.35 mm [.25 in]

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

## Features

### Product Type Features

Insertion Force	Normal
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### Configuration Features

Connection Capacity	Single
Compatible With Wire & Cable Type	Discrete Wire

### Electrical Characteristics

Voltage Rating	600 V
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### Body Features

Insulation Material	Nylon
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### Contact Features

Quick Disconnect Terminal Type	Tab
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	Unplated
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Crimp Type	F-Crimp
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Barrel Type	Closed
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### Termination Features

Product Terminates To	Wire & Cable
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### Mechanical Attachment

Wire Insulation Support	With
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Mating Retention Type	Dimple
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### Dimensions

Terminal Material Thickness	.41 mm [.016 in]
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Product Length	21.75 mm [.855 in]
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Compatible Insulation Diameter Range	3.43 mm [.135 in]
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Wire Size	.32 – .82 mm <sup>2</sup>
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### Usage Conditions

Insulation Option	Fully Insulated
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Operating Temperature Range	-40 – 110 °C [-40 – 230 °F]
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### Industry Standards

Compatible With Agency/Standards Products	UL
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UL Flammability Rating	UL 94V-2
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### Packaging Features

Packaging Quantity	1400
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Packaging Method	Strip/Reel
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### Other

Barrel Color	Red
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### Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241)
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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 # 58628-1  
PROCRIMP T&D 26-14 ULTRAFast

TE Part # 90390-3  
DIE ULTRAFast FASTON 22-18 DIE SET

TE Part # 58628-2  
PROCRIMP DIESET 26-14 ULTRAFast

TE Part # 2151034-2  
OCEAN\_2.0 APPLICATOR-S-1760-SSA

**KIT**  
REPRESENTATION ONLY

TE Part # 7-2151034-7  
OCEAN\_2.0 SPARE PART KIT-1760

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



Automotive Connector Caps & Covers (1)



Automotive Housings(5)



Quick Disconnects(49)

## Customers Also Bought



TE Part #1-1423008-0  
T92P7D52-12



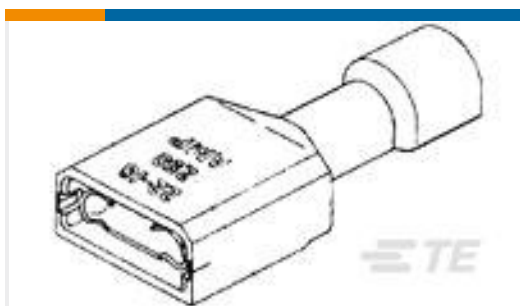
TE Part #1658610-3  
15 POS HDF RCPT, MS, LEAD FREE



TE Part #2-520264-2  
ULTRAFast 250 ASSY REC 22-18  
TPBR LP



TE Part #770027-1  
06P UMNLII IN-LINE CAP HSG KIT



TE Part #2-520262-2  
ULTRAFast 187 ASSY REC 22-18  
TPBR LP



TE Part #60771-2  
RING CRIMP 18-14 AWG TPBR



TE Part #350436-2  
RING TERMINAL 18-14 AWG TPST



TE Part #2-520979-2  
ULTRAFast .110/.125 ASY REC 22-18  
TPBR



TE Part #770855-1  
03P FAN MOTOR CONN HSG



TE Part #794099-1  
03P UMNL FAN MTR CONN MATE  
HSG

## Documents

### Product Drawings

[ULTRAFast 250 ASSEMBLY TAB 22-18 AWG BR](#)

English

### CAD Files

[3D PDF](#)

[3D](#)

### Customer View Model

[ENG\\_CVM\\_CVM\\_2-520102-1\\_N.2d\\_dxf.zip](#)



English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_2-520102-1\\_N.3d\\_igs.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_2-520102-1\\_N.3d\\_stp.zip](#)

English

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**Product Specifications**

[Application Specification](#)

English

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**Agency Approvals**

[UL](#)

English