



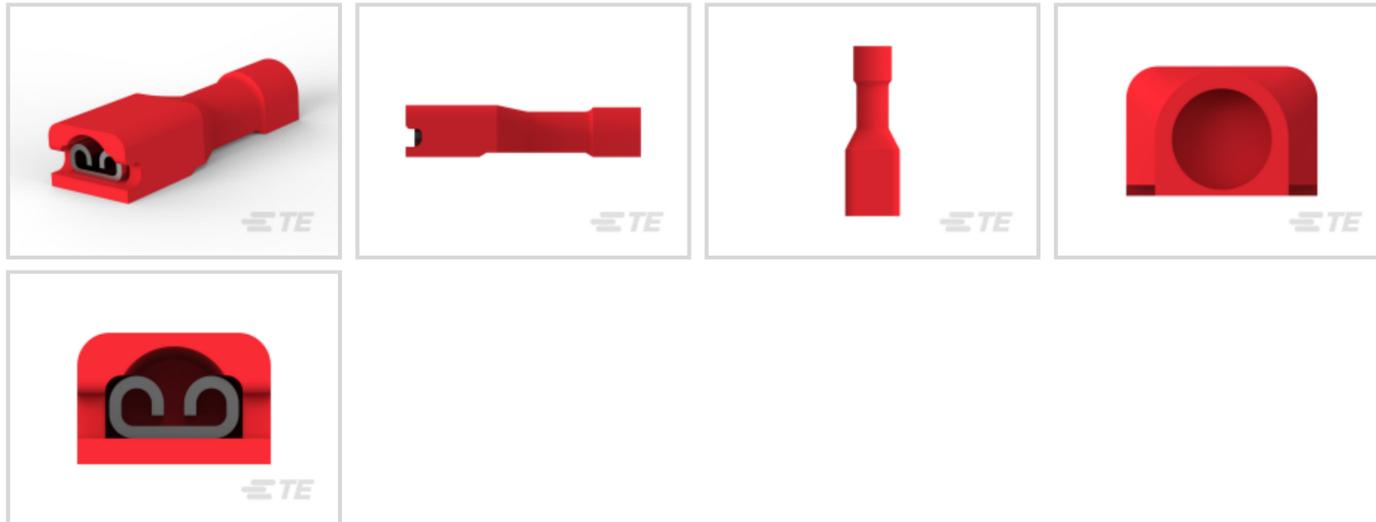
Ultra-Fast | Ultra-Fast 110

TE Internal #: 2-520083-2

Quick Disconnect Receptacle, Fully Insulated, 22 – 18 AWG, .32 – .82 mm<sup>2</sup> Wire, 2.8 mm / 3.18 mm [.11 in / .125 in] Tab Width, F-Crimp, Ultra-Fast 110

[View on TE.com >](#)

Terminals & Splices > Quick Disconnects



Quick Disconnect Terminal Type: **Receptacle**

Wire Size: .32 – .82 mm<sup>2</sup>

Mating Tab Width: 2.8 mm, 3.18 mm [.11 in, .125 in]

Mating Tab Thickness: .51 mm [.02 in]

### Features

#### Product Type Features

Terminal Features	Wire Stop
Insertion Force	Normal

#### Configuration Features

Compatible With Wire & Cable Type	Discrete Wire
Connection Capacity	Single

#### 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	Receptacle
Mating Tab Width	2.8 mm, 3.18 mm [.11 in] [.125 in]
Mating Tab Thickness	.51 mm [.02 in]
Terminal Orientation	Straight



Contact Base Material	Brass
Terminal Plating Material	Tin
Crimp Type	F-Crimp
Barrel Type	Closed

### Termination Features

Product Terminates To	Wire & Cable
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### Mechanical Attachment

Wire Insulation Support	With
Mating Retention Type	Dimple

### Dimensions

Product Length	18.67 mm[.735 in]
Compatible Insulation Diameter Range	3.05 mm[.12 in]
Terminal Material Thickness	.41 mm[.016 in]
Wire Size	.32 – .82 mm <sup>2</sup>

### Usage Conditions

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

### Industry Standards

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

### Packaging Features

Packaging Quantity	3000
Packaging Method	Strip/Reel

### 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
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 2025 (250)  
 Candidate List Declared Against: JUNE 2025 (250)  
 Does not contain REACH SVHC

Halogen Content	Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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Solder Process Capability	Not applicable for solder process capability
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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



**KIT**  
 REPRESENTATION ONLY

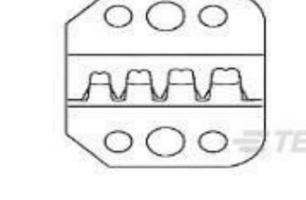
TE Part # 7-2151698-7  
[OCEAN\\_2.0\\_SPARE\\_PART\\_KIT-1760](#)



TE Part # 58078-3  
[TETRA CRIMP FRAME W/O DIES](#)



TE Part # 90390-3  
[DIES ULTRA-FAST FASTON 22-18 DIE SET](#)



TE Part # 58628-2  
[PROCRIMP DIESET 26-14 ULTRAFAST](#)



TE Part # 2151698-2  
[OCEAN\\_2.0\\_APPLICATOR-S-FA-1760-RSA](#)



TE Part # 58628-1  
[PROCRIMP T&D 26-14 ULTRAFAST](#)

Also in the Series | [Ultra-Fast 110](#)

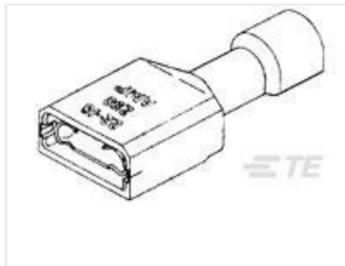


Quick Disconnects(14)

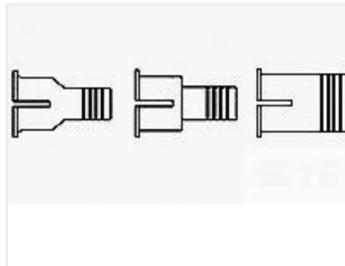
## Customers Also Bought



TE Part #173638-1  
RING TERMINAL 18-14 AWG 0.622X11.3 TPCP



TE Part #2-520181-2  
ULTRA-FAST 187 ASY REC 22-18 AWG TPBR



TE Part #7-745129-0  
SHLDING FERRULE,PLTD,BULK PKG



TE Part #2-1879353-1  
RR02 5% 30K AMMO



TE Part #2176601-6  
RLC73V 3A R016 1% 4K RL



TE Part #CAT-P842-2504  
POD-LOK: Straight, Receptacle Assembly, Tin Plated, 0.25 inch



TE Part #3-2299286-2  
POD-LOK 187 STR. AWG 24-20 PTPBR



TE Part #104068-2  
10 SYSTEM 50 HDR DRST SHRD



TE Part #1SNA116028R1300  
T1.5/6-JR4.H

## Documents

### Product Drawings

[ULTRA-FAST .110/.125 ASY REC 22-18 TPBR](#)

English

### CAD Files

[3D PDF](#)

3D

### Customer View Model

[ENG\\_CVM\\_CVM\\_2-520083-2\\_V.2d\\_dxf.zip](#)



English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_2-520083-2\\_V.3d\\_igs.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_2-520083-2\\_V.3d\\_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

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**Datasheets & Catalog Pages**

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

English

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**Product Specifications**

[Application Specification](#)

English

[Application Specification](#)

English

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**Agency Approvals**

[UL](#)

English