

2-520273-2 ✓ ACTIVE

Ultra-Fast | Ultra-Fast 110

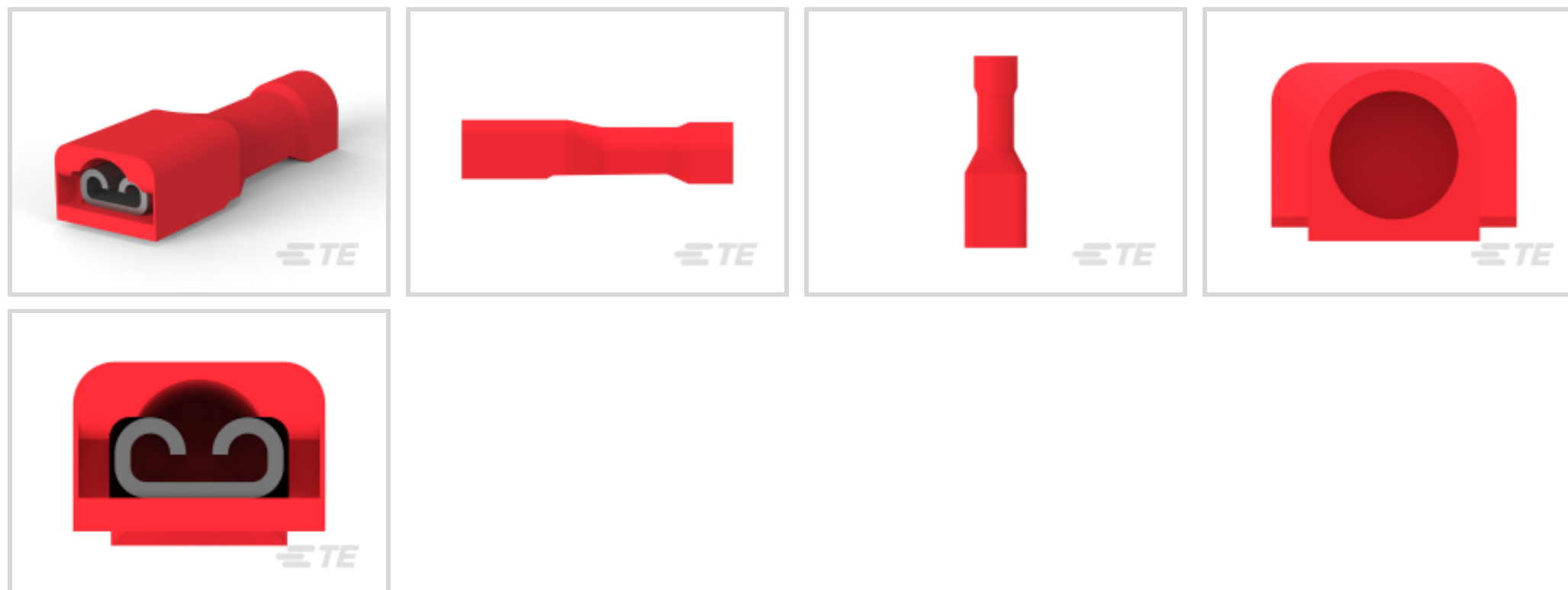
TE Internal #: 2-520273-2

Quick Disconnects, Receptacle, 22 – 18 AWG Wire Size, .32 – .82 mm<sup>2</sup> Wire Size, Mating Tab Width .11 in / .125 in [3.18 mm / 2.8 mm], 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: .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
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### Electrical Characteristics

Voltage (Max)	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	.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	3.05 mm[.12 in]
Receptacle Terminal Stock Thickness	.41 mm[.016 in]
Overall Length	18.67 mm[.735 in]
Wire Size	.32 – .82 mm <sup>2</sup>

### 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	1000
Packaging Method	Loose Piece/Carton

### 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 2022

(224)

Candidate List Declared Against: JAN 2022

(223)

SVHC > Threshold:

Not Yet Reviewed

Halogen Content

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

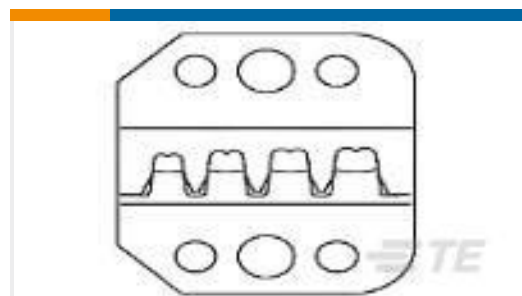
Solder Process Capability

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 # 90390-3  
DIES ULTRA-FAST FASTON 22-18 DIE SET



TE Part # 2217481-1  
KIT, BTLI, SDE CLOSED HEAD



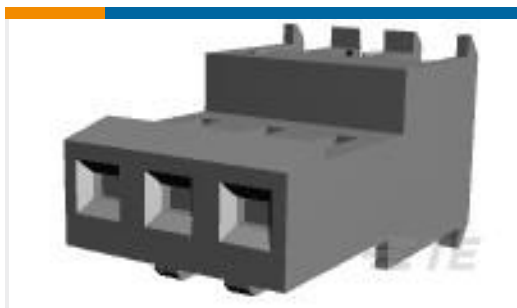
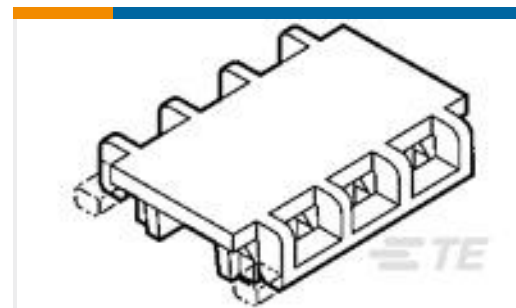
TE Part # 2217481-2  
KIT, BTLI, SDE CLOSED HEAD

Also in the Series | **Ultra-Fast 110**



Quick Disconnects(14)

## Customers Also Bought

TE Part #3-640621-3  
03P MTA100 CONN ASSY F/T NATLTE Part #3-644540-2  
02P MTA100 CONN ASSY F/T W/LCKTE Part #643077-2  
02P MTA100 MOLDED COVER F/TTE Part #2-1625999-6  
HSC100 2R2 5%TE Part #6609020-8  
5EB3=F7105 S0TE Part #1-1609034-2  
6VSB1=F8330TE Part #2-647123-2  
02P MTA156 SHRD HDR ASSY SQ SNTE Part #1424946-1  
REPL BLADES FOR 1424945-1

## Documents

### Product Drawings

[ULTRAFast 110 ASSY REC 22-18 TPBR LP](#)

English

### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_2-520273-2\\_D.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2-520273-2\\_D.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2-520273-2\\_D.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

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## Product Environmental Compliance

### MD\_2-520273-2\_09192017020\_dmtec

English

### MD\_2-520273-2\_09192017020\_dmtec

English

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## Agency Approvals

### Agency Approval Document

English