

2-520856-2 ✓ ACTIVE

Ultra-Fast | Ultra-Fast 250

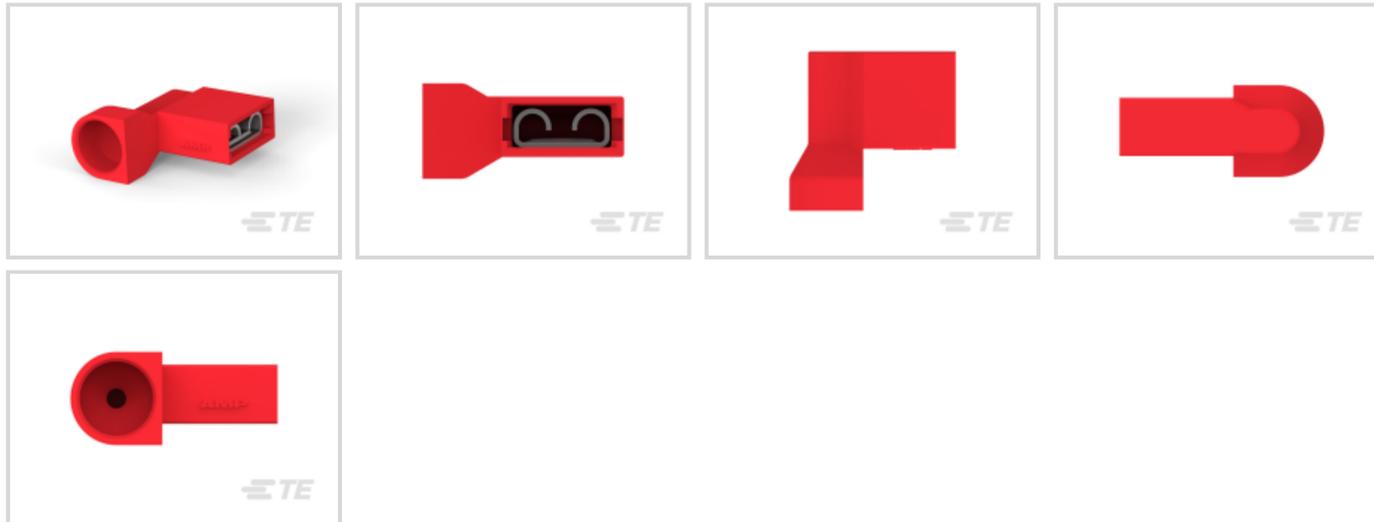
TE Internal #: 2-520856-2

Quick Disconnect Receptacle, Fully Insulated, 22 – 18 AWG, .32 – .82 mm<sup>2</sup> Wire, 6.35 mm [.25 in] Tab Width, F-Crimp, Flag, Brass, Ultra-Fast 250

[View on TE.com >](#)



Terminals & Splices > Quick Disconnects



Quick Disconnect Terminal Type: **Receptacle**

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	Low
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### Configuration Features

Compatible With Wire & Cable Type	Discrete Wire
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Connection Capacity	Single
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### 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
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Mating Tab Width	6.35 mm [.25 in]
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Mating Tab Thickness	.81 mm [.032 in]
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Terminal Orientation	Flag
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Contact Base Material	Brass
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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	16 mm[.63 in]
Compatible Insulation Diameter Range	5.84 mm[.23 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	1700
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)



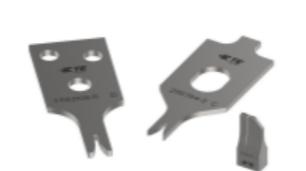
Candidate List Declared Against: JUNE 2025 (250)  
Does not contain REACH SVHC

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



**KIT**  
REPRESENTATION ONLY

TE Part # 7-2150779-7  
OCEAN\_2.0\_SPARE\_PART\_KIT-201SP



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



TE Part # 2150779-2  
OCEAN\_2.0\_Applicator-E-201SP-SEA

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



Automotive Housings(3)



Automotive Signal & Power Connector Housings(3)



Quick Disconnects(49)

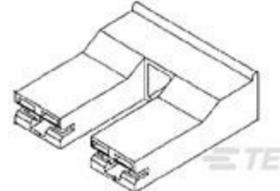
### Customers Also Bought



TE Part #42938-2  
RING 16-14 AWG TPBR



TE Part #2-324485-1  
WIRE CAP RED .080-.115



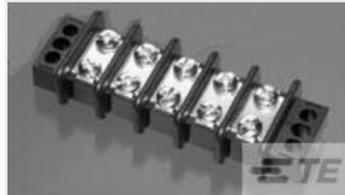
TE Part #521119-1  
PL 250 HOUSING RECEPTACLE  
NYLON 6/6



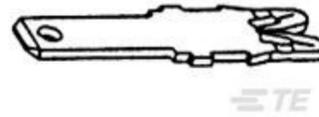
TE Part #1-640251-3  
13P SL156 HSG W/O LCK RAMP



TE Part #1217113-2  
187 PL MKIII REC. 22-18AWG TPBR



TE Part #1546671-8  
8P .437" DR BARRIER,W/WIR CLMP



TE Part #1601204-2  
.110 X .020 TAB STD SIAMEZE



TE Part #6-2213772-5  
AV22 DPL 3A MOVE RING LED RED  
12V



TE Part #4-2378158-2  
Power Versa-Lock CAP, 1X2 KEY D



TE Part #1601637-1  
L076/0926R16BX=MTM 1800-4600

## Documents

### Product Drawings

[ULTRA-FAST 250 ASY REC 22-18 TPBR](#)

English

### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_2-520856-2\\_C.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2-520856-2\\_C.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2-520856-2\\_C.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

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## Product Specifications

### Application Specification

English

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## Agency Approvals

### UL

English