

2-520403-2 ✓ ACTIVE

Ultra-Fast | Ultra-Fast 187

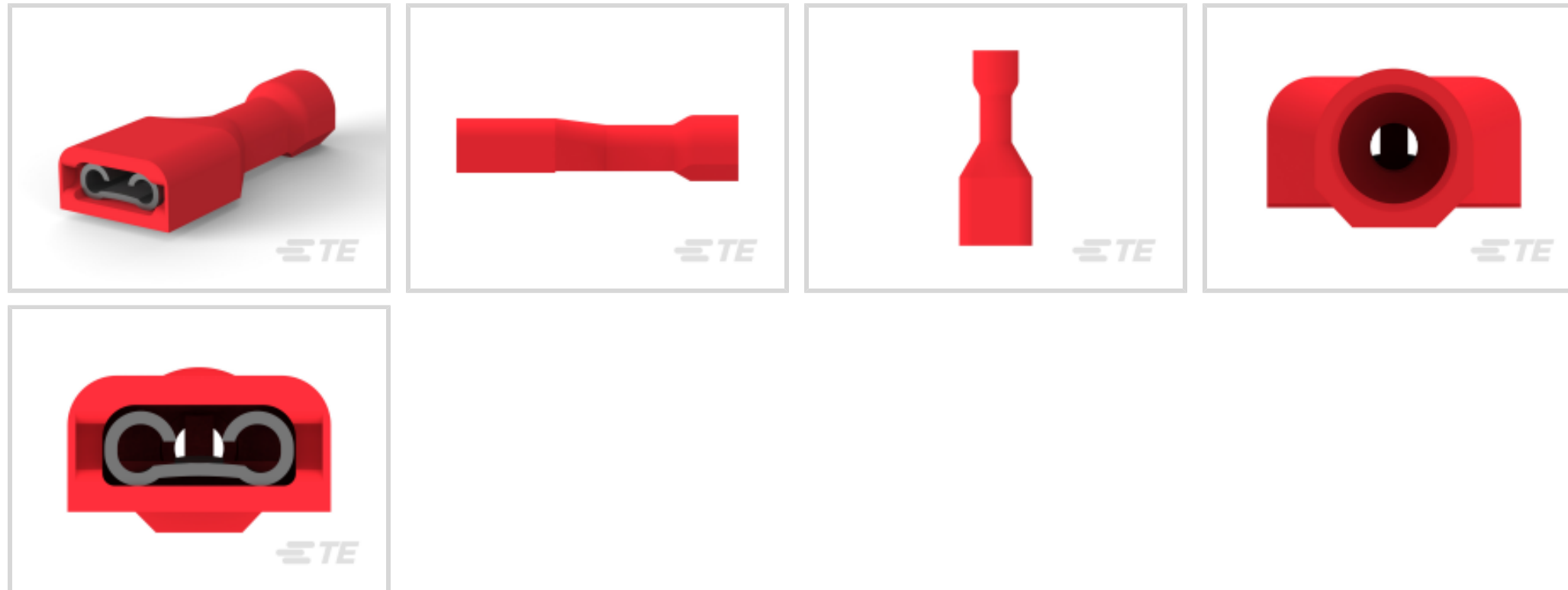
TE Internal #: 2-520403-2

Ultra-Fast 187, Quick Disconnects, Receptacle, 22 – 18AWG Wire Size, .32 – .82mm<sup>2</sup> Wire Size, Quick Disconnect Mating Tab Width 4.75 mm [.187 in]

[View on TE.com >](#)



Terminals & Splices > Quick Disconnects



Terminal & Splice Type: **Receptacle**

Wire Size: .32 – .82 mm<sup>2</sup>

Quick Disconnect Mating Tab Width: 4.75 mm [.187 in]

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

## Features

### Product Type Features

Wire/Cable Type	Regular Wire
Wire Stop	Yes
Terminates To	Wire & Cable
Quick Disconnect Insertion Force	Normal
Sealable	No
Insulated	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
Fully Insulated	No
Quick Disconnect Plating Material	Tin



### Contact Features

Terminal Type	Receptacle
Terminal & Splice Type	Receptacle
Quick Disconnect Terminal Orientation	Straight
Contact Base Material	Brass
Crimp Type	F-Crimp
Barrel Type	Closed

### Mechanical Attachment

Mating Retention Type	Dimple
Wire Insulation Support	With

### Dimensions

Accepts Wire Insulation Diameter Range	1.52 – 3.43 mm [.06 – .135 in]
Overall Length	21.75 mm [.855 in]
Receptacle Terminal Stock Thickness	.41 mm [.016 in]
Wire Size	.32 – .82 mm <sup>2</sup>
Quick Disconnect Mating Tab Width	4.75 mm [.187 in]
Quick Disconnect Mating Tab Thickness	.81 mm [.032 in]

### Usage Conditions

Insulation Requirement	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	2700
Quick Disconnect 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
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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: JAN 2021 (211) Candidate List Declared Against: JAN 2021 (211) 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 # 2266077-2  
OCEAN\_2.0\_APPLICATOR-S-176F218F



**KIT**  
REPRESENTATION ONLY

TE Part # 7-2266077-7  
OCEAN\_2.0\_SPARE\_PART\_KIT-176F218F



TE Part # 58079-3  
DIES U-FAST + FASTON 16-14 DIE SET



TE Part # 2-2266077-2  
OCEAN\_2.0\_APPLICATOR-S-176F218F



TE Part # 7-2266077-2  
OCEAN\_2.0\_APPLICATOR-S-176F218F

Also in the Series | **Ultra-Fast 187**



Quick Disconnects(47)

### Customers Also Bought



TE Part #1658644-1  
HDP-20,RCPT,SIZE 2, 15 POSN,CL



TE Part #1658543-2  
SOCKET CONT DUPL PLT STRIP HD-



TE Part #2-35109-1  
PIDG 12-10 R 10; TAPE



TE Part #104257-6  
07 MTE RCPT HSG SR LATCH .100



TE Part #1-770902-0  
MINI UMNL SOK 26-22 AWG AU



TE Part #1599986-1  
MAG MATE POKE-IN DUAL TAB



TE Part #140759  
250 FASTON,TAB,TPBR



TE Part #9-178842-1  
AMP U/P SGL ROW PLUG HSG 9P

### Documents

#### Product Drawings

ULTRA-FAST 187 ASY REC 22-18 TPBR

English

#### CAD Files

3D PDF

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_2-520403-2\\_L.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2-520403-2\\_L.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2-520403-2\\_L.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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## Agency Approvals

[Agency Approval Document](#)

English