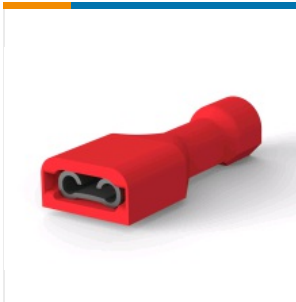




# QUICK DISCONNECTS



TE CONNECTIVITY (TE)

## 187 ULTRA-FAST PLUS 22-18 TPBR

Ultra-Fast | 187

2-520403-2

TE Internal Number: 2-520403-2  
 Alias ID: 405736281

Always EU RoHS/ELV Compliant

Mating Tab Width **4.75 mm [ .187 in ]**

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

Wire Insulation Diameter **1.52 – 3.42 mm [ .06 – .135 in ]**

Wire Size (AWG) **22 – 18**

Wire Size (mm<sup>2</sup>) **.32 – .82**

Active

PRODUCT DRAWING  
 English

3D PDF

### Product Drawings

[RECEPTACLE ASSY,ULTRA-FAST PLUS, .187 SERIES,22-18 AWG](#)

PDF  
 English

### CAD Files

[Customer View Model](#)

2D\_DXF.ZIP  
 English

[Customer View Model](#)

3D\_IGS.ZIP  
 English

[Customer View Model](#)

3D\_STP.ZIP  
 English

[3D PDF](#)

PDF  
 English

### Catalog Pages/Data Sheets

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

PDF  
 English

### Product Environmental Compliance

TE Material Declaration

[MD\\_2-520403-2\\_11302015143\\_dmtec](#)

PDF  
 English

Please review product documents or [contact us](#) for the latest agency approval information. Please Note: Use the Product Drawing for all design activity.

### Product Type Features

Wire Stop

Yes

Disconnect Type

Quick Disconnect Pin

Custom

Yes

FASTON 105

Wire/Cable Composition **Stranded**

Wire/Cable Type **Discrete Wire**

Insulated **Yes**

Insulated Wire Support **Yes**

Support Style **Insulation Support**

Applies To **Wire/Cable**

---

Configuration Features Paired **No**

Terminal Angle **Straight**

---

Electrical Characteristics Voltage (Max) (V) **600**

---

Body Features Plating Material **Tin**

Fully Insulated **Yes**

---

Contact Features Terminal Orientation **Straight**

Contact Plating Material **Tin**

---

Termination Features Crimp Type **F-Crimp**

---

Dimensions Mating Tab Width **4.75 mm [ .187 in ]**

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

Wire Insulation Diameter **1.52 – 3.42 mm [ .06 – .135 in ]**

Wire Size (AWG) **22 – 18**

Wire Size (mm<sup>2</sup>) **.32 – .82**

Overall Length **21.755 mm [ .855 in ]**

---

Usage Conditions Operating Temperature Range (°C) **105**

---

Industry Standards UL Rating **Listed**

UL Flammability Rating **UL 94V-2**

---

Packaging Features Packaging Method **Reel**

Packaging Quantity **2700**

---

Other Barrel Color **Red**

## CUSTOMERS ALSO BOUGHT

CRIMP QUICK DISCONNECTS	CRIMP QUICK DISCONNECTS	CRIMP RINGS & SPADES	
187 ULTRA-FAST RCPT 16-14 TPBR 3-520276-2	187 ULTRA-FAST PLUS 16-14 TPBR 3-520404-2	PIDG 22-16 22-18 MIL R 6; TAPE 2-36152-1	RP 2A 0.25W 402K 0.1% 25PPM 1K RL 5-2176094-1
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Relation Type

RELATIONSHIP

### Toolings

Tooling

[See All Toolings](#)

PRODUCT - TOOLINGS



Application Tooling - OCEAN Applicators  
AMP  
**OC-AT-S-FA-176F218F-001-0324 - 2266077-2**  
TE INTERNAL NUMBER: 2266077-2

✓ Active

Not in Scope for EU RoHS/ELV Compliance

Region **Worldwide**

Tool Type **Applicator**

Spare Parts Tooling **No**

Applicator Style **OCEAN - Atlantic**

Applicator Feed Style **Side Feed**



RELATIONSHIP

### Toolings

Tooling

[See All Toolings](#)

PRODUCT - TOOLINGS



Application Tooling - OCEAN Applicators  
AMP  
**OC-176F218F-**

Not in Scope for EU RoHS/ELV Compliance





## CRIMPTOOLINGKIT

- 7-2266077-7

TE INTERNAL NUMBER: 7-2266077-7

✓ Active

Region **Worldwide**

Tool Type **Applicator**

Spare Parts Tooling **Yes**

Spare Parts Tool Type **Spare  
Parts Kit**