



# QUICK DISCONNECTS



TE CONNECTIVITY (TE)

## 187 ULTRA-FAST PLUS 22-18 TPBR

Ultra-Fast | 187

2-520401-2

TE Internal Number: 2-520401-2

Alias ID: 038-3991-00

Always EU RoHS/ELV Compliant

Mating Tab Width (mm) **3.18, 4.75**

Mating Tab Width (in) **.187**

Mating Tab Thickness **.51 mm [ .02 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 Specifications

Product Specification

Ultra-Fast Plus Fully Insulated FASTON Receptacle Terminals

PDF  
English

Qualification Test Report

Terminal, FASTON, Receptacle, Ultra-Fast, Fully Ins F Series

TIF  
English

Terminal, FASTON, Receptacle, Ultra-Fast, Fully Ins F Series

PDF  
English

### Product Environmental Compliance

TE Material Declaration

MD\_2-520401-2\_07102013314\_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	<b>Yes</b>
	Disconnect Type	<b>Quick Disconnect Pin</b>
	FASTON	<b>Yes</b>
	Wire/Cable Composition	<b>Stranded</b>
	Wire/Cable Type	<b>Discrete Wire</b>
	Insulated	<b>Yes</b>
	Insulated Wire Support	<b>Yes</b>
	Support Style	<b>Insulation Support</b>
	Applies To	<b>Wire/Cable</b>
Configuration Features	Paired	<b>No</b>
	Terminal Angle	<b>Straight</b>
Electrical Characteristics	Voltage (Max) (V)	<b>600</b>
Body Features	Plating Material	<b>Tin</b>
	Fully Insulated	<b>Yes</b>
Contact Features	Terminal Orientation	<b>Straight</b>
	Contact Plating Material	<b>Tin</b>
Termination Features	Crimp Type	<b>F-Crimp</b>
Dimensions	Mating Tab Width (mm)	<b>3.18, 4.75</b>
	Mating Tab Width (in)	<b>.187</b>
	Mating Tab Thickness	<b>.51 mm [ .02 in ]</b>
	Wire Insulation Diameter	<b>1.52 – 3.42 mm [ .06 – .135 in ]</b>
	Wire Size (AWG)	<b>22 – 18</b>
	Wire Size (mm <sup>2</sup> )	<b>.32 – .82</b>
	Overall Length	<b>21.755 mm [ .855 in ]</b>
Usage Conditions	Operating Temperature Range (°C)	<b>105</b>

Industry Standards	UL Rating	<b>Listed</b>
	UL Flammability Rating	<b>UL 94V-2</b>
Packaging Features	Packaging Method	<b>Reel</b>
	Packaging Quantity	<b>2700</b>
Other	Barrel Color	<b>Red</b>
Product Compliance	<a href="#">Statement of Compliance PDF</a> <a href="#">VIEW ALL PRODUCT COMPLIANCE</a>	

## CUSTOMERS ALSO BOUGHT

CRIMP QUICK DISCONNECTS	CRIMP WIRE PINS & TABS	CRIMP QUICK DISCONNECTS	POWER CONTACTS
<p>250 ULTRA-FAST RCPT 22-18 TPBR 9-520183-2</p> <p><a href="#">Save to List</a> <a href="#">Find Similar Products</a></p>	<p>.093 PIN REC 24-18 0126TPBR 42827-2</p> <p><a href="#">Save to List</a> <a href="#">Find Similar Products</a></p>	<p>.187 FAST REC IS 20-16 TPBR 42452-2</p> <p><a href="#">Save to List</a> <a href="#">Find Similar Products</a></p>	<p>VAL-U-LOK PIN PHBZ SN 18-24AWG 794955-3</p> <p><a href="#">Save to List</a> <a href="#">Find Similar Products</a></p>

Products - 2 Results

[View All](#)

[Compare 0/10](#)

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-  
CRIMPTOOLINGKIT  
- 7-2266077-7**

TE INTERNAL NUMBER: 7-2266077-7

✓ Active

Not in Scope for EU RoHS/ELV  
Compliance

Region **Worldwide**

Tool Type **Applicator**

Spare Parts Tooling **Yes**

Spare Parts Tool Type **Spare  
Parts Kit**

