



# ULTRA-POD INSULATED LOW INSERTION FORCE (LIF) FASTON RECEPTACLES

## FULLY INSULATED FASTON TERMINALS REDESIGNED FOR ERGONOMIC HANDLING AND ENHANCED RELIABILITY

The fully insulated Ultra-Pod LIF FASTON receptacles combine an efficient one-step application process with additional features to support faster, safer assembly of wire-to-wire systems. They include multiple ergonomic design features, including easy-grip surfaces on the terminal housing and LIF Standard FASTON receptacles, which replace a sheared edge mating surface with a rounded edge to achieve a lower mating force. The Ultra-Pod LIF terminals are available in straight and flag versions and can be customized with a choice of contact materials, housing color, and temperature rating. The receptacle is secured in the insulation by an interior housing latch, as well as an optional terminal position assurance (TPA) cover (flag version only).

### ELECTRICAL

- Voltage Rating: 600V AC
- Max Constant Test Current: 24A (10 AWG wire)

### MECHANICAL

- Tab Width: .250in.
- Tab Thickness: .032in.
- Maximum Insertion Force: 35.6N
- Orientations: Straight, Flag

### MATERIALS

- Flammability Rating: UL 94 V-0
- Operating Temperature (°C)
  - Standard: -40 to 125
  - High Temperature: -40 to 150
- Contact Materials
  - Base: Brass, Phosphor Bronze
  - Plating: Tin, Silver

### STANDARDS & SPECIFICATIONS

- Product Specification: [108-160347](#)
- Application Specification: [114-160185](#)
- UL310
- EIA-364

### KEY FEATURES

- Easy one-step application (termination and insulation) with improved applicator design
- Low insertion force (LIF) Standard FASTON receptacles
- Available in a wide range of configurations and materials, including straight or flag versions, multiple color options, and terminals rated for higher temperature (150°C)
- Flexible latch on interior of housings prevents terminal backout
- Exterior grip features support more ergonomic handling
- Optional terminal position assurance (TPA) cover (flag version only) provides an ergonomic push surface for tab mating and helps ensure the receptacle is secured in the housing

### APPLICATIONS



Major Home Appliances



Small Home Appliances



HVAC Equipment



Industrial Machinery



Automotive



Lawn Tools

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### ULTRA-POD LIF TERMINALS

Orientation	Wire Range (AWG)	Ins. Diam. Range (mm) in.	Contact Material (Base / Plating)	Color	Part Number
Straight	22-18	1.40-2.95 (.055-.116)	Brass / Pre-tin	Black	<a href="#">2-2394335-3</a>
				Natural <sup>2</sup>	<a href="#">8-2394335-3</a>
				Dark Gray <sup>2</sup>	<a href="#">9-2394335-3</a>
			Phosphor Bronze / Tin	Natural <sup>2</sup>	<a href="#">8-2394335-8</a>
				Dark Gray <sup>2</sup>	<a href="#">9-2394335-8</a>
	18-14	1.40-3.75 (.055-.148)	Brass / Pre-tin	Black	<a href="#">2-2394336-3</a>
	18-14, 2x18	1.50-3.75 (.059-.148) <sup>1</sup>	Brass / Pre-tin	Black	<a href="#">2-2394337-3</a>
	12-10	2.25-4.00 (.089-.180)	Brass / Pre-tin	Black	<a href="#">2-2394338-3</a>
				Natural <sup>2</sup>	<a href="#">8-2394338-3</a>
				Dark Gray <sup>2</sup>	<a href="#">9-2394338-3</a>
			Phosphor Bronze / Tin	Natural <sup>2</sup>	<a href="#">8-2394338-8</a>
				Dark Gray <sup>2</sup>	<a href="#">9-2394338-8</a>
Flag	22-18	1.50-2.80 (.059-.110)	Brass / Pre-tin	Black	<a href="#">2-2394781-3</a>
	16-12, 2x18	3.00-4.30 (.118-.169)	Brass / Pre-tin	Black	<a href="#">2-2394782-3</a>
			Brass / Silver	Light Gray <sup>3</sup>	<a href="#">6-2394782-4</a>

Additional terminals with alternative contact materials and housings are available upon request.

<sup>1</sup> 2.80mm (.110in.) maximum for dual wire configuration

<sup>2</sup> UL 94 V-0 / GWEPT\* (130°C)

<sup>3</sup> High temperature version

### ACCESSORIES

Description	Part Number
Flag Orientation Terminal Position Assurance (TPA) Cover	<a href="#">2432288-1</a>

\*GWEPT refers to glow wire end product testing. For more information on glow wire testing please review the white paper [Glow Wire Testing for the Appliance Industry](#) or visit the [Glow Wire Capable Connectors product page](#)

## ULTRA-POD INSULATED LOW INSERTION FORCE (LIF) FASTON RECEPTACLES

### APPLICATORS

Ultra-Pod Part Number	Applicator Part Number (Full Applicator / Conversion Kit)
X-2394335-X	2402076-1 / 7-2402076-8
X-2394336-X	2402077-1 / 7-2402077-8
X-2394337-X	2402078-1 / 7-2402078-8
X-2394338-X	2402079-1 / 7-2402079-8
X-2394781-X	1855710-3 / 7-1855710-8
X-2394782-X	1855711-3 / 7-1855711-8
2432288-2	4150171-2

Conversion kits are only compatible with Ultra-Pod applicators designed for the same terminal orientation. Straight terminal conversion kits may be used with existing straight terminal applicators and flag terminal conversion kits may be used with flag terminal applicators.

### FOR MORE INFORMATION

ASK OUR EXPERT ►

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