

## VAL-U-LOK SINGLE ROW HEADER CONNECTORS

The VAL-U-LOK connector system is now available in a single row configuration for wire-to-board applications. Single row headers are available in right angle and vertical configurations in 3, 4 and 5 position sizes. The single row headers will mate to existing receptacle housings.

### ELECTRICAL

- Voltage: 600 VAC
- Current: 9 A max. in 2-position applications
- Dielectric Withstanding Voltage: 1500 VAC min.
- Insulation Resistance: 1000 megohms min.
- Operating Temperature: -40°C to +105°C [-40°F to +221°F]

### MECHANICAL

- Connector Mating: 1.55 lb. [6.90 N] max. per circuit
- Connector Unmating: .11 lb. [.49 N] min. per circuit 3

### MATERIALS

- Housings: Nylon, UL 94V-2 and UL 94V-0
- Contacts: Brass with tin plating (Lead-Free)

### KEY FEATURES

- Right angle and vertical configurations
- 3, 4, and 5 positions
- V2 and VO housings
- Mates to existing receptacle housings
- Intermateable with Molex Mini Fit Jr. connectors

### STANDARDS AND SPECIFICATIONS

- Contact Retention: 4.88 lb. [21.71 N] min. per contact
- Durability: 30 cycles, mating and unmating

### PRODUCT OFFERING

- Product Specifications: [108-2112](#)
- Qualification Report: 501-534

### APPLICATIONS



Household Appliances



HVAC



Vending



Gaming



Lighting

**A VERTICAL HEADERS**

Position Size	UL 94-V2 Housings		UL 94-VO Housings	
	With Drain Holes	Without Drain Holes	With Drain Holes	Without Drain Holes
3	<a href="#">2029054-3</a>	<a href="#">2029058-3</a>	<a href="#">2029056-3</a>	<a href="#">2029167-3</a>
4	<a href="#">2029054-4</a>	<a href="#">2029058-4</a>	<a href="#">2029056-4</a>	-
5	<a href="#">2029054-5</a>	<a href="#">2029058-5</a>	<a href="#">2029056-5</a>	-

**B RIGHT ANGLE HEADERS**

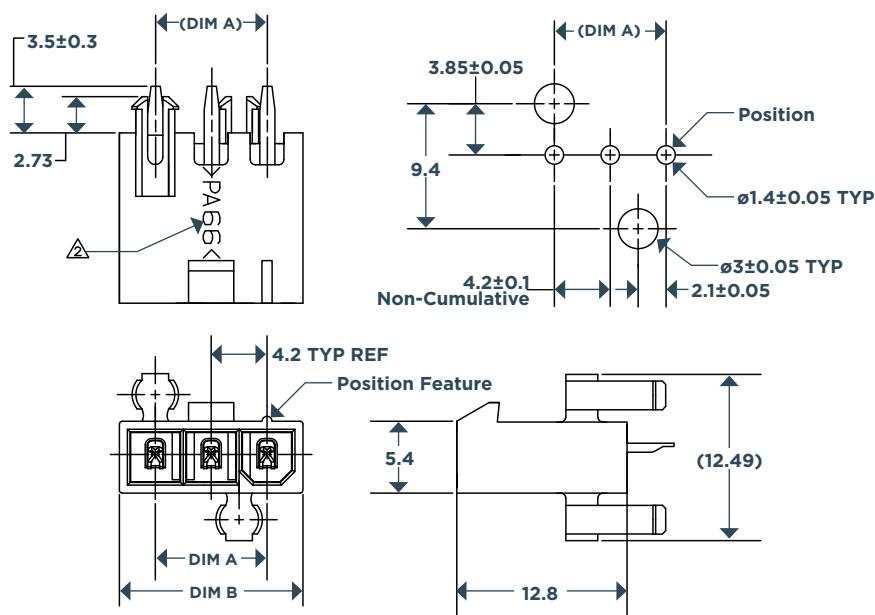
Position Size	UL 94-V2 Housings	UL 94-VO Housings
	With Pegs	
3	<a href="#">2029150-3</a>	<a href="#">2029151-3</a>
4	<a href="#">2029150-4</a>	<a href="#">2029151-4</a>
5	<a href="#">2029150-5</a>	<a href="#">2029151-5</a>

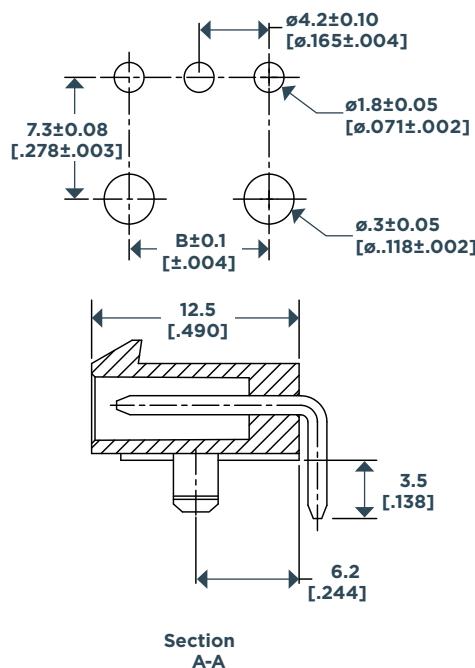
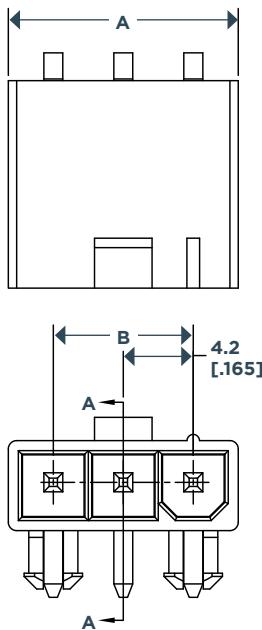
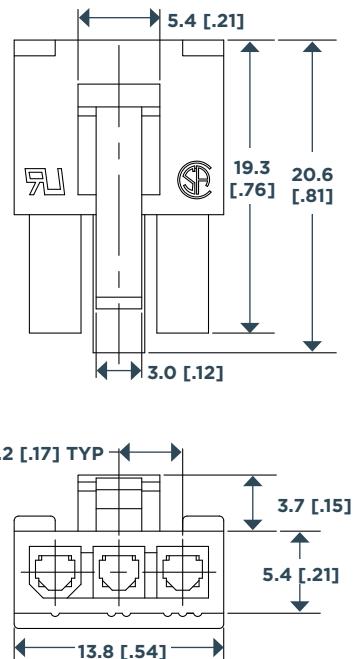
**C MATING RECEPTACLE HOUSINGS**

Position Size	UL 94-V2 Housings	UL 94-VO Housings
3	<a href="#">1586105-3</a>	<a href="#">1586106-3</a>
4	<a href="#">1586026-4</a>	<a href="#">1586027-4</a>
5	<a href="#">1586026-5</a>	<a href="#">1586027-5</a>

**PRODUCT DIMENSIONS**

**A VERTICAL HEADERS**



**B** RIGHT ANGLE HEADERS

**C** MATING RECEPTACLE HOUSINGS

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