



# VAL-U-LOK PLUS CONNECTORS

## SIMPLIFIED SOURCING AND ASSEMBLY WITH INTEGRATED TERMINAL POSITION ASSURANCE (TPA)

VAL-U-LOK PLUS connectors were developed to help wire harness and printed circuit board (PCB) manufacturers streamline sourcing and assembly processes. The 4.20mm pitch connectors feature a one size fits all integrated terminal position assurance (TPA) device that allows manufacturers to secure their connections with fewer part numbers than similar connectors on the market. VAL-U-LOK PLUS connectors are also designed for easier assembly with a more robust anti-snag latch preventing wire entanglement and an embedded TPA that does not require an insertion step during assembly. These connectors can support 600VAC and have a maximum current rating of up to 11A when using TPA compatible high conductivity terminals.

### ELECTRICAL

- Current Rating: 9A / 11A
- Voltage Rating: 600 VAC

### MECHANICAL

- Pitch (mm): 4.20
- Wire Size (AWG): 26-18
- Positions: 3-5 single row; 2,4,6 double row

### STANDARDS & SPECIFICATIONS

- Product Specification: [108-160744](#)
- Application Specification: [114-160449](#)
- GWT 750°C no flame (per IEC 60335)
- UL 94 V-0
- EIA-364
- VDE and UL certified versions available\*

### KEY BENEFITS

- 4.20mm centerline housing accepting 26-18AWG wires
- One size fits all integrated terminal position assurance (TPA) device
- Standard or high conductivity terminals for maximum current ratings of 9A or 11A
- Single and dual row versions available in 2-6 positions (3,4,5 single row; 2,4,6 dual row)
- Available for wire-to-wire, wire-to-board and wire-to-panel systems
- Retro-fit with existing VAL-U-LOK products, as well as similar 4.20mm pitch connectors in the market
- Robust single latch and anti-snagging feature to prevent wire entanglement
- Meets UL 94 V-0 and IEC 60335-1 glow wire test (GWT) flammability standards

### APPLICATIONS



Industrial Refrigeration



Industrial Controls



Industrial Machinery



Motor Applications



HVAC



Major Home Appliance



Lighting



Security Systems

\*For standard current version, VDE certification is completed and UL certification is ongoing. For high current version, VDE and UL certification are pending.

## VAL-U-LOK PLUS CONNECTORS

### PLUG HOUSINGS

Description	Pos. No.	Part Number
Single Row	3P	<a href="#">2386014-3</a>
	4P	<a href="#">2386014-4</a>
	5P	<a href="#">2386014-5</a>
Dual Row	2P	<a href="#">2385533-2</a>
	4P	<a href="#">2385533-4</a>
	6P	<a href="#">2385533-6</a>

### RECEPTACLE HOUSINGS

Description	Pos. No.	Part Number
Single Row	3P	<a href="#">2386011-3</a>
	4P	<a href="#">2386011-4</a>
	5P	<a href="#">2386011-5</a>
Dual Row	2P	<a href="#">2385532-2</a>
	4P	<a href="#">2385532-4</a>
	6P	<a href="#">2385532-6</a>

### CONTACTS

Description	Wire Size (AWG)	Part Number	Applicator	Hand Tool		
Standard Pin	26-22	<a href="#">794957-1</a>	2266139-X	2305570-1		
			2836282-X			
Standard Socket	22-18	<a href="#">2238016-1</a>	2151096-X			
			26-22		<a href="#">794958-1</a>	2266139-X
						2836282-X
High Conductivity Pin	22-18	<a href="#">2238017-1</a>	2151096-X			
			High Conductivity Socket	22-18	<a href="#">2825210-1</a>	2151096-X
		<a href="#">2825211-1</a>				2151096-X

Additional contacts with alternative plating options, low profile designs, and loose piece packaging are available upon request.

### te.com

TE Connectivity, TE connectivity (logo) and VAL-U-LOK are trademarks owned or licensed by the TE Connectivity Ltd. family of companies. All other logos, products and/or company names referred to herein might be trademarks of their respective owners.

While TE has made every reasonable effort to ensure the accuracy of the information in this brochure, TE does not guarantee that it is error-free, nor does TE make any other representation, warranty or guarantee that the information is accurate, correct, reliable or current. TE reserves the right to make any adjustments to the information contained herein at any time without notice. TE expressly disclaims all implied warranties regarding the information contained herein, including, but not limited to, any implied warranties of merchantability or fitness for a particular purpose. The dimensions in this catalog are for reference purposes only and are subject to change without notice. Specifications are subject to change without notice. Consult TE for the latest dimensions and design specifications.

© 2023 TE Connectivity. All Rights Reserved.

05/23