

## Vertical and In-Line Screwless Wire Connectors

The vertical screwless wire connectors are offered in 2, 4 & 6 staggered positions and the in-line connectors are available in 2 & 3 positions. Compatible with printed circuit board wave solder processes, the connector allows for insertion of stripped solid conductor wire without special tooling. Designed for permanent connections within OEM assemblies, wires are securely held in place but can be removed with an extraction tool if necessary.

### KEY BENEFITS

- Eliminates the need to hand solder or fixture and wave-solder wires directly to printed circuit board
- In-line screwless version terminates industry standard 18 AWG solid wire
- Staggered versions terminate industry standard 18-16 AWG solid wire and 18AWG bonded wire
- Thru-hole solder mount with retention features integral to solder legs for PCB retention
- 2 & 4 position staggered and in-line versions have secondary board locks for additional retention

### APPLICATIONS

- Lighting ballast and LED drivers
- Garage door openers
- HVAC controls
- Security systems
- Vending and gaming products

### MECHANICAL

- Wire retention: 5 lb. [22.25 N]
- Durability: 5 cycles
- Pitch: .138 [3.5 mm] staggered centerline  
.322 [8.2 mm] in-line centerline

### ELECTRICAL

- -30 °C to 105 °C operating temperature
- 2 A maximum rated current
- 2200 VAC dielectric withstanding voltage
- 600 VAC rating

### MATERIALS

- Housing: UL 94V-0 rated PBT
- Contact: Pre-tin over nickel plate copper alloy

### STANDARDS AND SPECIFICATIONS

- UL 1977
- Product Specifications: [108-2059](#) Vertical Screwless  
[108-2059-1](#) In-Line Screwless
- Application Specifications: [114-13075](#) Vertical Screwless  
[114-13223](#) In-Line Screwless

### PRODUCT OFFERING

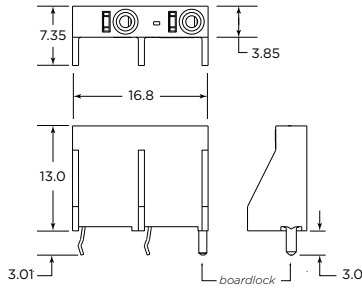
Part Number	Description
1-2008552-2	2 position in-line screwless wire connector
2008552-3	3 position in-line screwless wire connector
1811957-1	2 position vertical screwless wire connector with boardlock
1811444-1	4 position vertical screwless wire connector
1811398-1	6 position vertical screwless wire connector



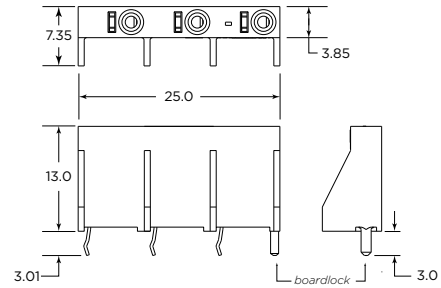
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DIMENSIONS

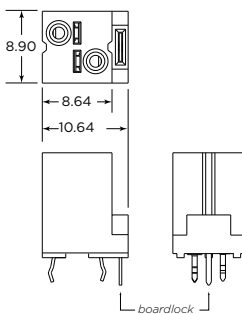
2 position in-line screwless wire connector



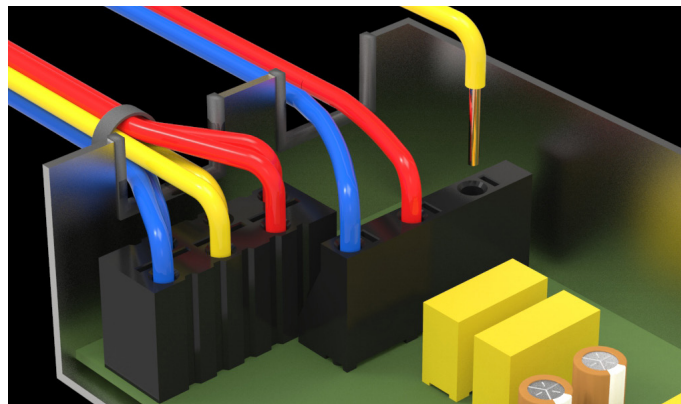
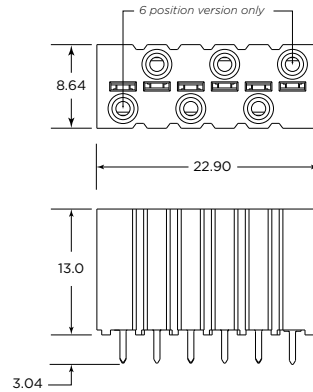
3 position in-line screwless wire connector



2 position screwless wire connector



4 & 6 position screwless wire connector



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