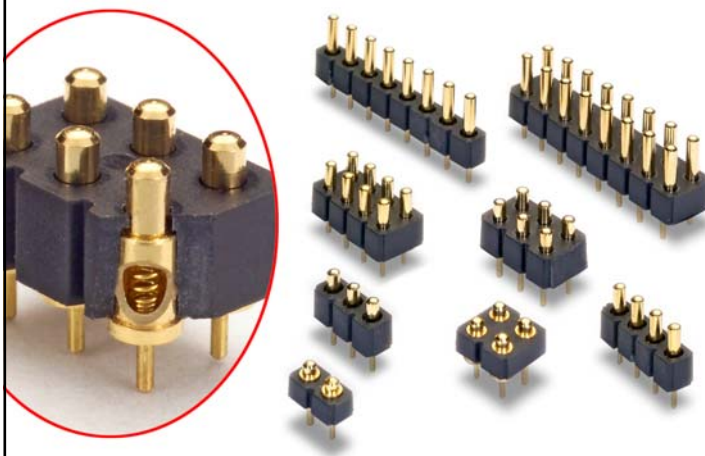
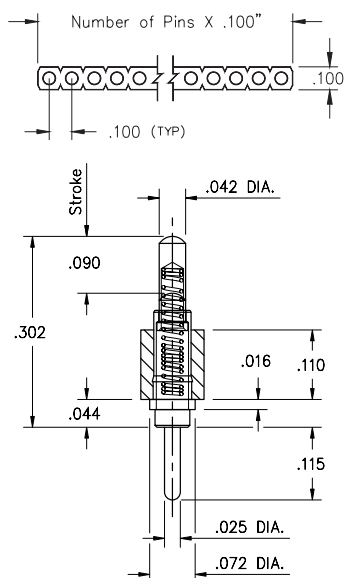


- Modular contacts for use on .100" grid, available in a height of .302", supplied in single and double row contact strips.
- Precision machined piston / base and gold plated components assure a 1,000,000 min. cycle life.
- Pistons have a .045 mid stroke & .090 max stroke.
- Low resistance, high current contacts are rated at 2 amps continuous, 3 amps peak.
- High temperature thermoplastic insulators are suitable for surface mount processes.
- 825 & 827 series contact strips are designed for manual placement into Ø .027" min. plated-thru-holes in the circuit board prior to hand, wave or reflow soldering.



### SINGLE ROW Series 825



**Fig. 1**

### Ordering Information

#### Single Row Series 825

825-22-0XX-10-001101

Specify # of contacts → 02-64

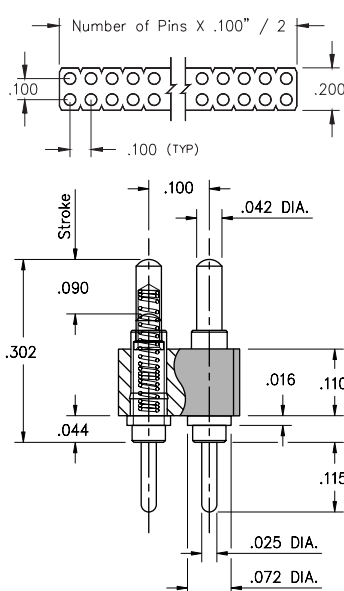
**Fig. 2**

#### Double Row Series 827

827-22-0XX-10-001101

Specify # of contacts → 04-72

### DOUBLE ROW Series 827



### Technical Specifications

#### Materials:

Contact piston & Base: Machined copper alloy plated 20µ" gold over 100µ" nickel  
 Spring: Beryllium copper plated 10µ" gold  
 Insulator: High temp. thermoplastic rated UL94 V-0

#### Mechanical:

Spring force @ initial height (A): 25 grams  
 Spring force @ mid stroke (B/2): 60 grams  
 Spring force @ full stroke (B): 95 grams  
 Durability: 1,000,000 cycles min.

#### Electrical:

Voltage rating: 100Vrms/150Vdc  
 Current rating: 2A (continuous), 3A (peak) per contact  
 Contact resistance: 20mΩ max.  
 Insulation resistance: 10,000MΩ min.  
 Dielectric strength: 700Vrms min.  
 Capacitance: 1pF max.

