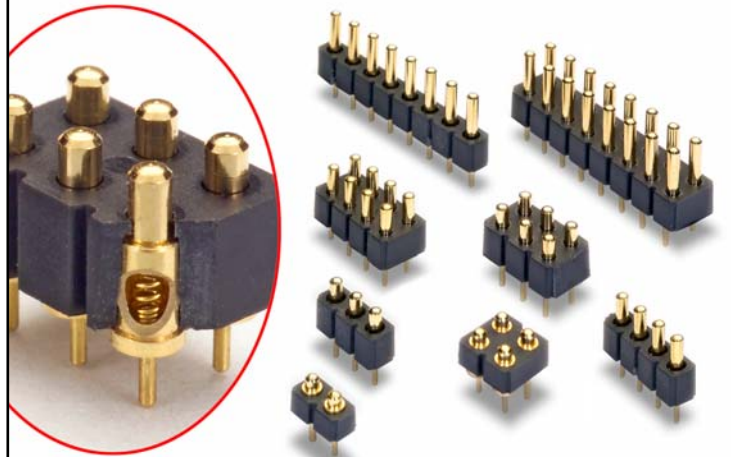




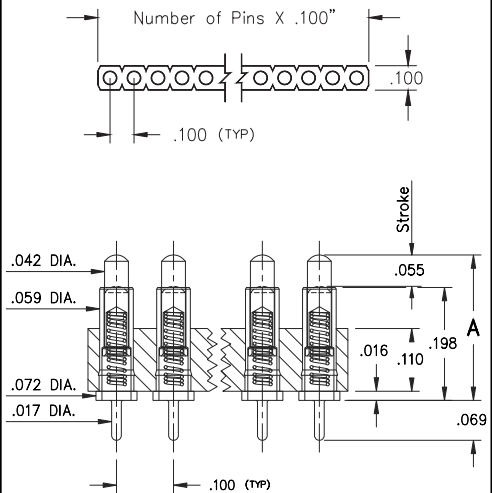
**SPRING-LOADED CONNECTORS**  
Through Hole Mount  
Single and Double Row Strips

Series 816...00X101  
818...00X101

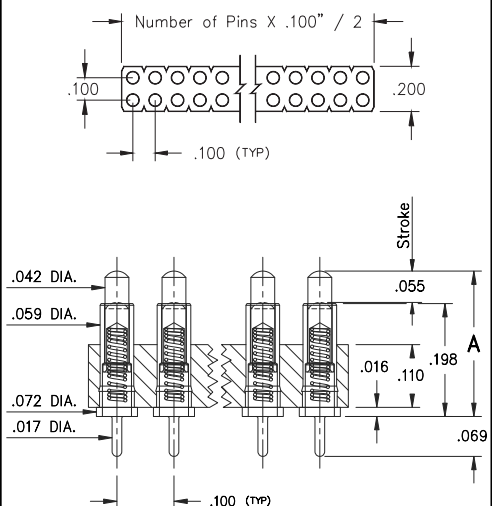
- Modular contacts for use on .100" grid, available in ten heights from .255" to .430", supplied in single and double row contact strips.
- Precision-machined piston / base and gold plated components assure a 1,000,000 min. cycle life.
- Pistons have a .0275 mid stroke & .055 max stroke.
- Low resistance, high current contacts are rated at 2 amps continuous, 3 amps peak.
- High temperature thermoplastic insulators are suitable for surface mount processes.
- 816 & 818 series contact strips are designed for manual placement into Ø .023±.003" plated-throughs in the circuit board prior to intrusive reflow soldering.



**Single Row Series 816...00X101**



**Double Row Series 818...00X101**



**Ordering Information**

**Single Row Series 816...00X101**

816-22-0XX-10-00X101

Specify # of contacts → 02-64  
Specify contact style 0-9

**Double Row Series 818...00X101**

818-22-0XX-10-00X101

Specify # of contacts → 04-72  
Specify contact style 0-9

CONTACT STYLE	INITIAL HEIGHT A	CONTACT STYLE	INITIAL HEIGHT A
0	.255	5	.350
1	.275	6	.370
2	.295	7	.390
3	.315	8	.410
4	.335	9	.430

**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  
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.

