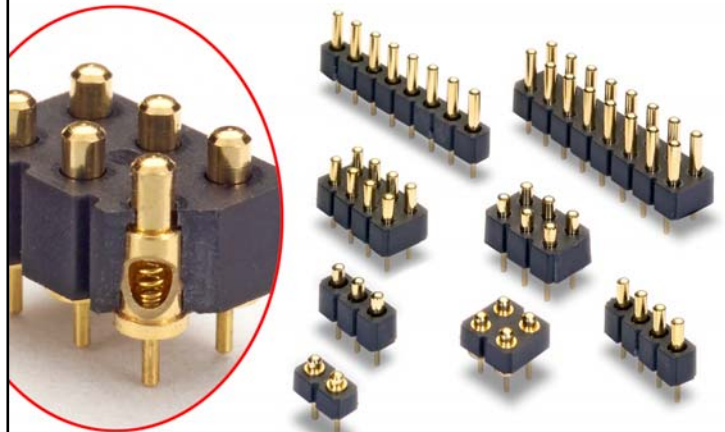
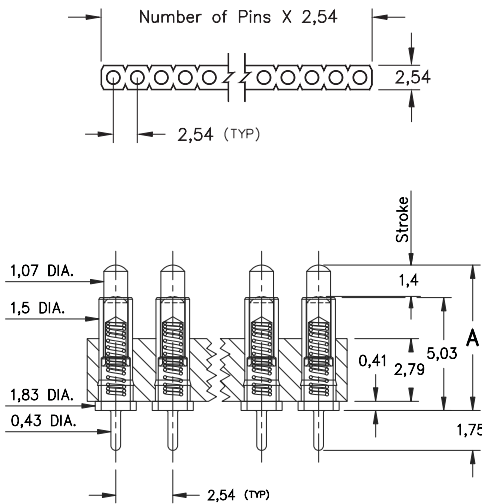


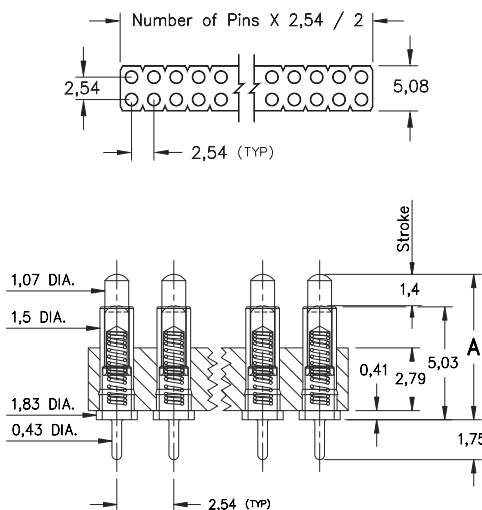
- Modular contacts for use on 2,54 grid, available in ten heights from 6,48 to 10,92, supplied in single and double row contact strips.
- Precision-machined piston / base and gold plated components assure a 1,000,000 min. cycle life.
- Pistons have a 0,69 mid stroke & 1,4 max stroke.
- Low resistance, 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  $\varnothing 0,58\pm 0,7$  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	6,48	5	8,89
1	6,99	6	9,4
2	7,49	7	9,91
3	8,0	8	10,41
4	8,51	9	10,92

**Technical Specifications**

**Materials:**

Contact piston & Base: Machined copper alloy plated 0,51µm gold over 2,54µm nickel  
Spring: Beryllium copper plated 0,25µm 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.

