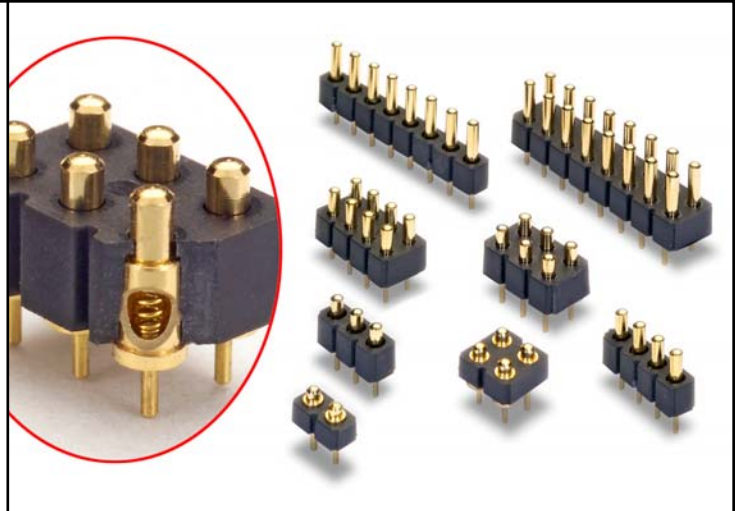
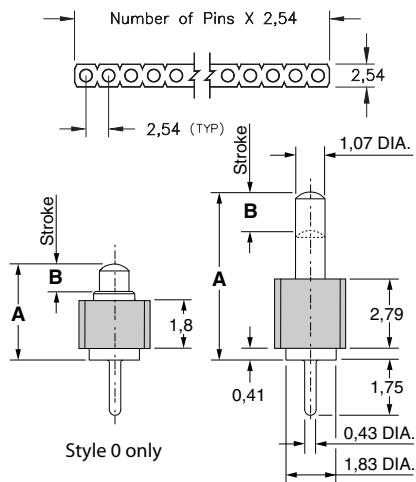


- Modular contacts for use on 2,54 grid, available in five heights from 3,48 to 5,99, supplied in single and double row contact strips.
- Precision-machined piston / base and gold plated components assure a 1,000,000 min. cycle life.
- Pistons have a long stroke relative to the low profile of the assembly.
- Low resistance, high current contacts are rated at 2 amps continuous, 3 amps peak.
- High temperature thermoplastic insulators are suitable for surface mount processes.
- 821 & 823 series contact strips are designed for manual placement into $\varnothing 0,56 \pm 0,08$ plated-throughs in the circuit board prior to hand, wave or reflow soldering.

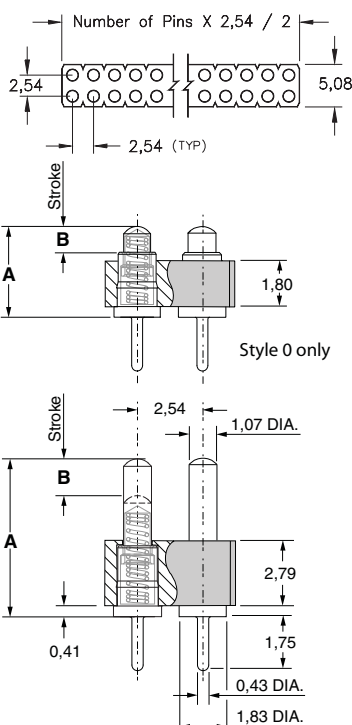


SINGLE ROW Series 821



Style 0 only

DOUBLE ROW Series 823



Style 0 only

Ordering Information

Single Row Series 821

821-22-0XX-10-00X-101

Specify # of contacts → 02-64
 Specify contact style 0-4

Double Row Series 823

823-22-0XX-10-00X-101

Specify # of contacts → 04-72
 Specify contact style 0-4

CONTACT STYLE	INITIAL HEIGHT A	MAX. STROKE B
0	3,48	0,99
1	4,5	1,14
2	5,0	1,39
3	5,51	1,39
4	5,99	1,39

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 (continous), 3A (peak) per contact
 Contact resistance: 20mΩ max.
 Insulation resistance: 10,000MΩ min.
 Dielectric strength: 700Vrms min.
 Capacitance: 1pF max.

