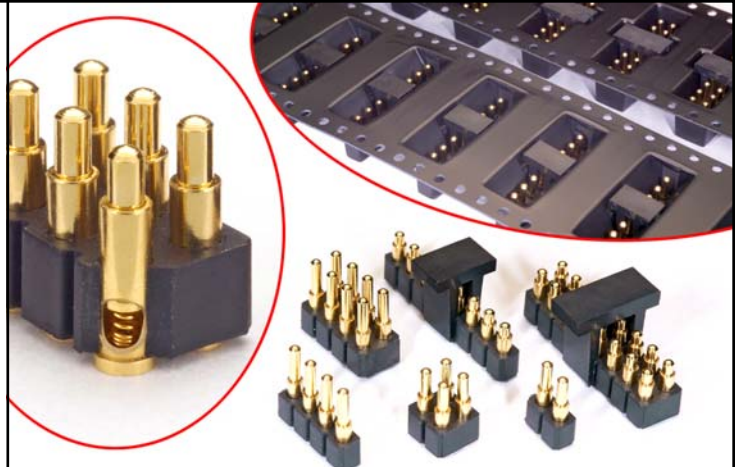
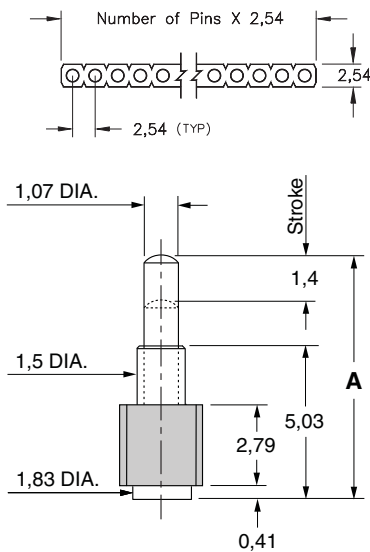


- Modular contacts for use on 2,54 grid, available in ten heights from 6,48 to 10,9, supplied in single and double row contact strips.
- Precision-machined piston / base and gold plated components assure a 1,000,000 min. cycle life.
- Pistons have a long stroke relative to the low profile of the assembly.
- Low resistance, high current contacts are rated at 2 amps continuous, 3 amps peak.
- High temperature thermoplastic insulators are suitable for surface mount processes.
- Both 812 & 814 series are available on 32mm or 44mm wide carrier tape for automated pick and place assembly per EIA-481. See page 9 for strip lengths available and ordering information.



SINGLE ROW Series 812



Ordering Information

Single Row Series 812

812-22-0XX-30-00X101

Specify contact style 0-9

Specify # of contacts → 02-64

Double Row Series 814

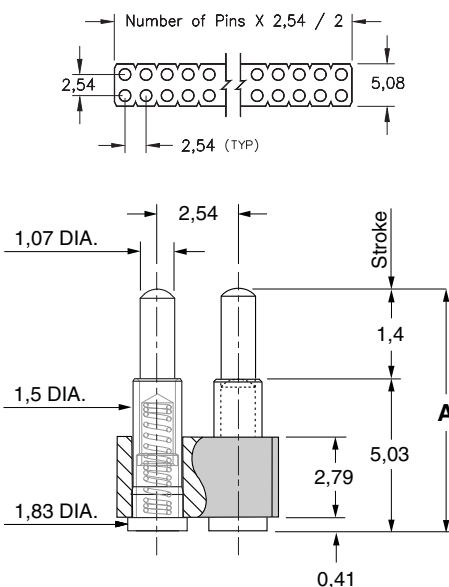
814-22-0XX-30-00X101

Specify contact style 0-9

Specify # of contacts → 04-72

For 812 & 814 Tape & Reel packaging See page 9

DOUBLE ROW Series 814



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	10,4
4	8,51	9	10,9

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 (0,7mm): 60 grams
 Durability: 1,000,000 cycles min.
 Coplanarity: 0,13 (Single Row up to 10 pins; Double Row up to 20 pins) For higher pin counts contact Tech Support.

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.

