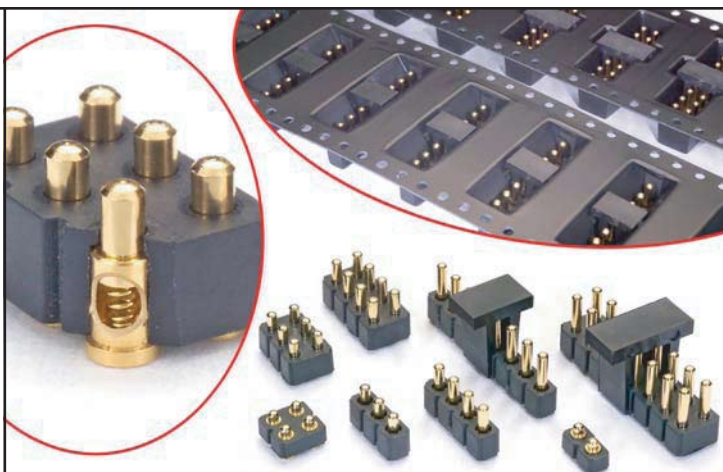
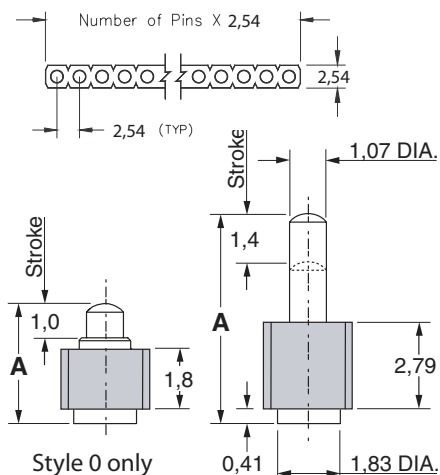


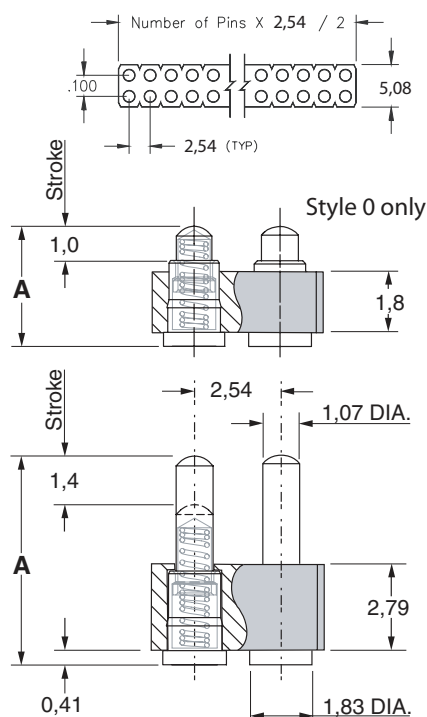
- Modular contacts for use on 2,54 grid, available in five heights from 3,48 to 5,99, supplied in single and double row contact strips.
- Precision machined piston / base and gold plated components assure a 1,000,000 min. cycle life.
- Pistons have a long stroke relative to the low profile of the assembly.
- Low resistance, high current contacts are rated at 2 amps continuous, 3 amps peak.
- High temperature thermoplastic insulators are suitable for surface mount processes.
- Both 811 & 813 series, contact styles 1 thru 4, are available on 32mm wide carrier tape for pick and place assembly per EIA-481. See page 119 for strip lengths available and ordering information.



## SINGLE ROW Series 811



## DOUBLE ROW Series 813



## Ordering Information

### Single Row Series 811

811-22-0XX-30-00X-101

Specify # of contacts

Specify contact style 0-4

01-64

### Double Row Series 813

813-22-0XX-30-00X-101

Specify # of contacts

Specify contact style 0-4

04-72

| CONTACT STYLE | INITIAL HEIGHT A |
|---------------|------------------|
| 0             | 3,48             |
| 1             | 4,5              |
| 2             | 5,0              |
| 3             | 5,51             |
| 4             | 5,99             |

## 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

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.

