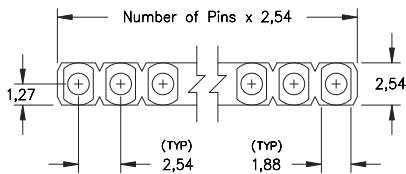


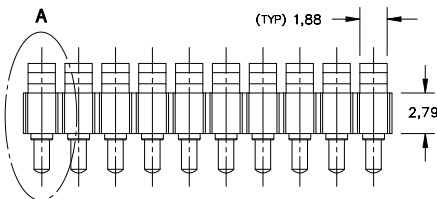
- Modular contacts for use on 2,54 grid, supplied in single row contact strips. Piston action is parallel to the board surface.
- Precision-machined piston / base and gold plated components assure a 1,000,000 min. cycle life.
- Pistons have a 1,14 mid. stroke & 2,29 max. stroke.
- Low resistance, high current contacts are rated at 2 amps continuous, 3 amps peak.
- High temperature thermoplastic insulators are suitable for surface mount processes.
- 810 series contact strips are designed for manual placement onto solder pads.



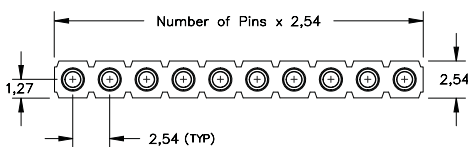
Single Row Series 810



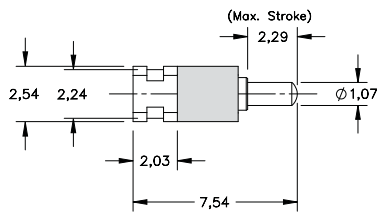
TOP VIEW



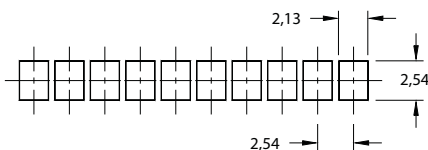
FRONT VIEW



DETAIL 'A'



Suggested P.C.B. FOOTPRINT



Coplanarity 0,13. For Pin Counts >10 positions consult Technical Support.

Ordering Information

Series 810

Single Row Surface Mount

810-22-0__-40-001101

Specify # of pins

01-10

For Electrical, Mechanical & Environmental Data, See pg. 4.1

For RoHS compliance select \diamond plating code.

Technical Specifications

Materials:

Contact piston & Base: Machined copper alloy plated 0,51 μ m gold over 2,54 μ m nickel.

Spring: Beryllium copper plated 0,25 μ m gold

Insulator: High temp. thermoplastic rated UL94 V-0

Mechanical:

Spring force @ initial height: 25 grams

Spring force @ mid stroke: 60 grams

Durability: 1,000,000 cycles min.

Electrical:

Voltage rating: 100Vrms/150Vdc

Current rating: 2A (continuous), 3A (peak) per contact

Contact resistance: 20m Ω max.

Insulation resistance: 10,000M Ω min.

Dielectric strength: 700Vrms min.

Capacitance: 1pF max.

