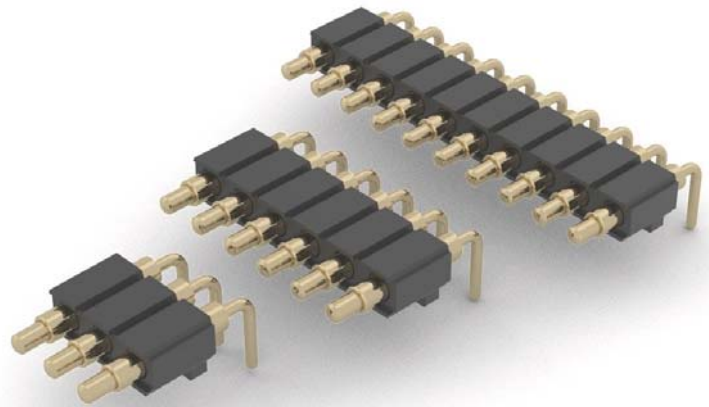
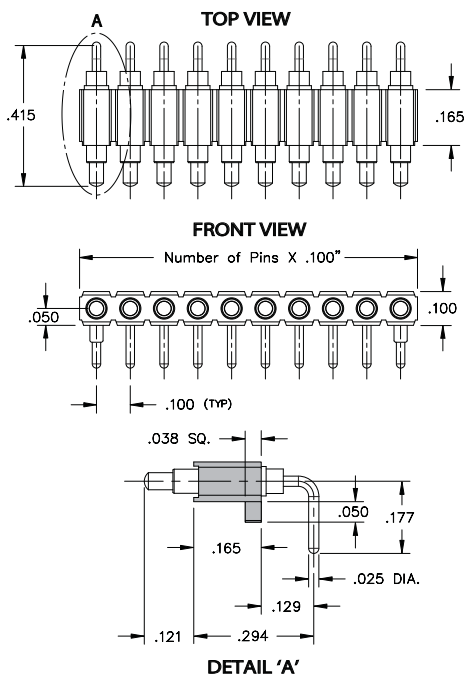
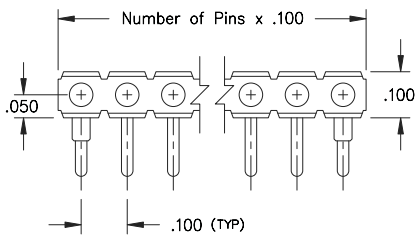


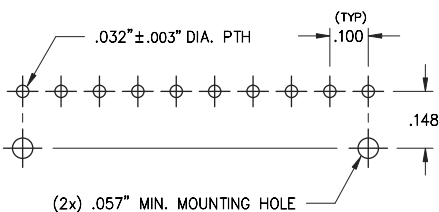
- Modular contacts for use on .100" grid, available in a height of .294", supplied in single contact strips.
- Precision-machined piston / base and gold plated components assure a 1,000,000 min. cycle life.
- Pistons have a .045" mid stroke and .090" max stroke.
- Low resistance, high current contacts are rated at 2 amps continuous, 3 amps peak.
- High temperature thermoplastic insulators are suitable for wave and reflow soldering processes.
- 829 series contact strips are designed for manual placement into $\varnothing .032 \pm .003$ " plated-thru-holes in the circuit board prior to hand, wave or reflow soldering.



Single Row Series 829



Suggested P.C.B Footprint



Ordering Information

Series 829

Single Row Right Angle

829-22-0__-20-001101

Specify # of pins →

02-10

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 20μ " gold over 100μ " nickel.

Spring: Beryllium copper plated 10μ " 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.

