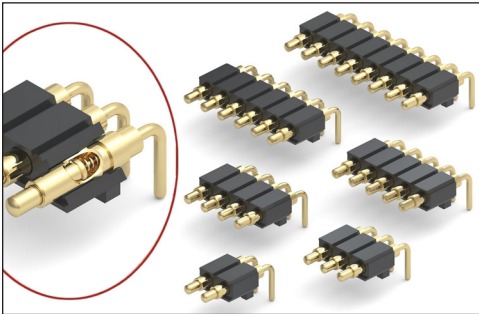


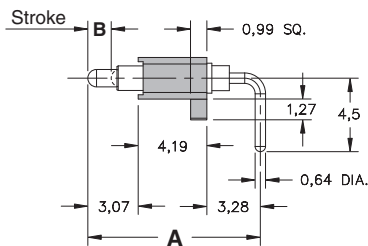
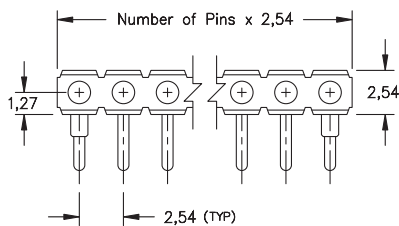
SPRING-LOADED CONNECTORS

SERIES 829 • 2,54 GRID RIGHT ANGLE MOUNT • SINGLE ROW STRIPS

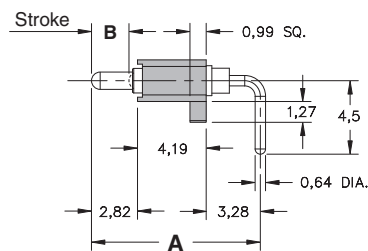


- Modular contacts for use on 2,54 grid. Supplied in single row strips with mounting pegs for support
- Precision-machined piston / base and gold-plated components assure up to 1,000,000 cycle life durability
- Low resistance, high current contacts are rated at 2 amps continuous, 3 amps peak
- High temperature thermoplastic insulators are suitable for wave and reflow processes
- 829 series contact strips are designed for manual placement into $\varnothing 0,81 \pm 0,08$ plated through-holes in the circuit board prior to wave or reflow soldering

SINGLE ROW Series 829

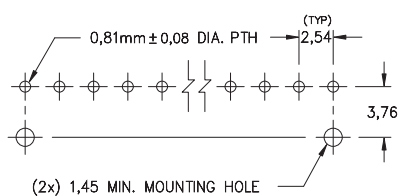


Contact style 1 only



Contact style 2 only

Suggested P.C.B Footprint



ORDERING INFORMATION

Single Row Series 829

829-22-0XX-20-00X101

Specify number of contacts 01-20

Specify contact style 1 or 2

| CONTACT STYLE | INITIAL LENGTH A | MAX. STROKE B |
|---------------|------------------|---------------|
| 1 | 10,54 | 1,4 |
| 2 | 10,31 | 2,3 |

Technical Specifications

Materials:

Contact piston & base: Machined copper alloy plated 0,51 μm gold over 2,54 μm nickel
 Spring: Beryllium copper-plated 0,25 μm gold
 Insulator: High temperature thermoplastic, rated UL94 V-0

Mechanical:

Spring force @ initial length (A): 25 grams
 Spring force @ mid stroke (B/2): 60 grams
 Durability: Up to 1,000,000 cycles

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.

RoHS-2
2011/65/EU



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