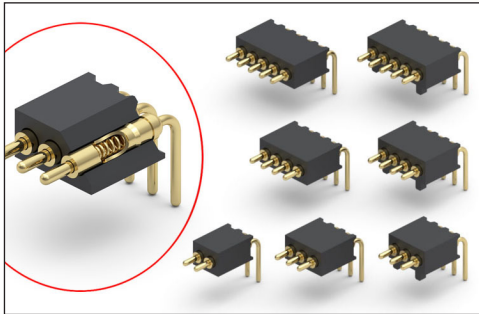


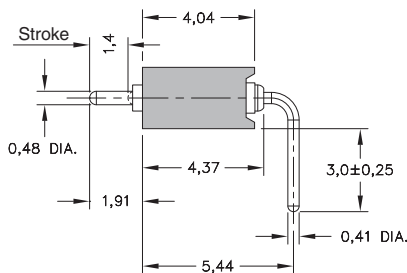
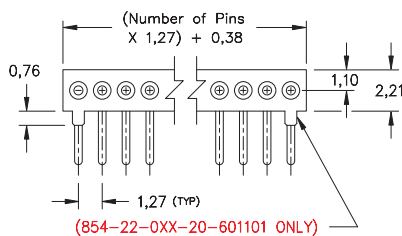
SPRING-LOADED CONNECTORS

SERIES 854 • 1,27 GRID RIGHT ANGLE MOUNT • SINGLE ROW STRIPS

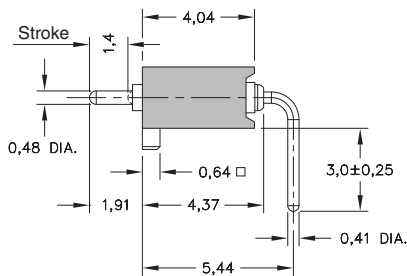


- Modular contacts for use on 1,27 grid. Supplied in single row strips with or without mounting pegs
- Precision-machined piston / base and gold-plated components assure a 1,000,000 cycle life durability
- Pistons have a 0,7 mid. stroke & 1,4 max. stroke
- Low resistance, high current contacts are rated at 2 amps continuous, 3 amps peak
- High temperature thermoplastic insulators are suitable for wave and reflow soldering processes
- 854 series contact strips are designed for through-hole mounting in the circuit board

SINGLE ROW Series 854

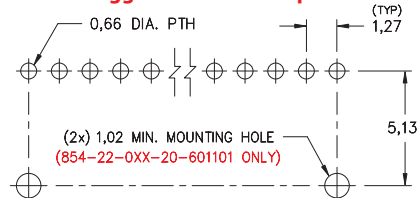


854 Series without Mounting Pegs



854 Series with Mounting Pegs

Suggested P.C.B. Footprint



ORDERING INFORMATION

Single Row Series 854

854-22-0XX-20-001101

Specify number of contacts 01-20

Single Row with Mounting Pegs Series 854

854-22-0XX-20-601101

Specify number of contacts 01-20

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 temperature thermoplastic, rated UL94 V-0

Mechanical:

Spring force @ initial height: 25 grams
 Spring force @ mid stroke (0,7): 60 grams
 Durability: 1,000,000 cycles

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.

RoHS-2
2011/65/EU



Mouser Electronics

Authorized Distributor

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