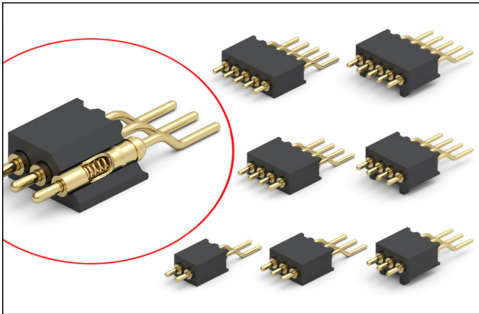


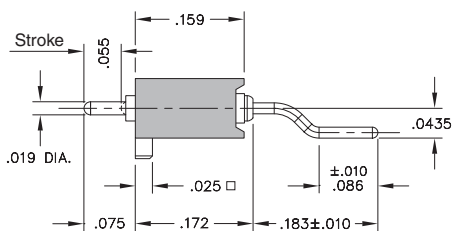
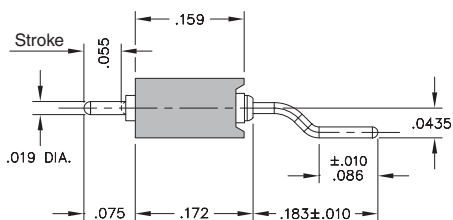
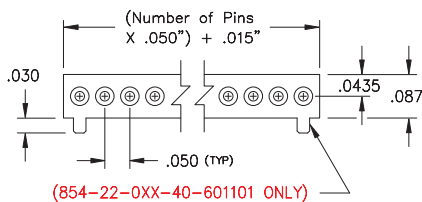
SPRING-LOADED CONNECTORS

SERIES 854 • .050" GRID Z-BEND SURFACE MOUNT • SINGLE ROW STRIPS



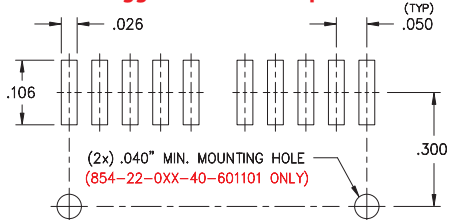
- Modular contacts for use on .050" grid, supplied in single row contact strips. Piston action is parallel to the board surface
- Precision-machined piston / base and gold-plated components assure a 1,000,000 cycle life durability
- Pistons have a .0275" mid. stroke & .055" max. stroke
- Low resistance, high current contacts are rated at 2 amps continuous, 3 amps peak
- High temperature thermoplastic insulators are suitable for surface mount soldering processes
- 854 series contact strips are designed for SMT termination onto printed circuit boards

SINGLE ROW Series 854



Coplanarity .005". For pin counts >20 positions, consult Technical Support.

Suggested P.C.B. Footprint



ORDERING INFORMATION

Single Row Series 854

854-22-0XX-40-001101

Specify number of contacts 01-20

Single Row with Mounting Pegs Series 854

854-22-0XX-40-601101

Specify number of contacts 01-20

Technical Specifications

Materials:

Contact piston & base: Machined copper alloy plated 20μ" gold over 100μ" nickel
 Spring: Beryllium copper-plated 10μ" gold
 Insulator: High temperature thermoplastic, rated UL94 V-0

Mechanical:

Spring force @ initial height: 25 grams
 Spring force @ mid stroke (.0275"): 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

