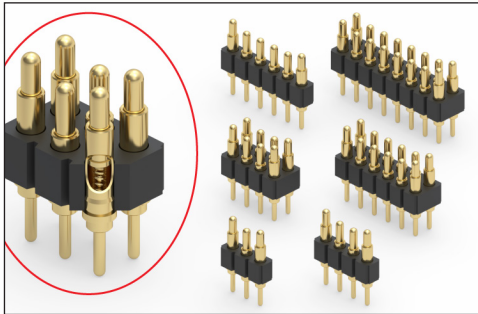


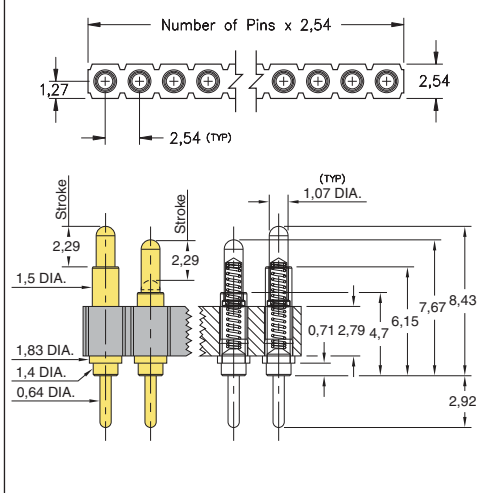
SPRING-LOADED CONNECTORS

SERIES 825 & 827 • 2,54 GRID THROUGH-HOLE MOUNT, FIRST MATE/LAST BREAK • SINGLE AND DOUBLE ROW STRIPS

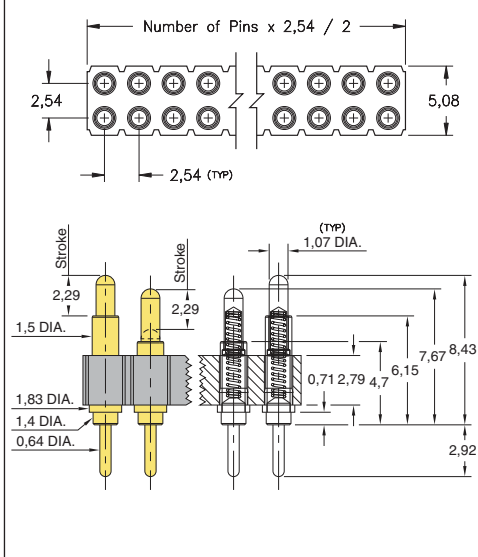


- Modular contacts for use on 2,54 grid, supplied in single and double row contact strips
- Taller pins in the end positions make contact first and break contact last to address applications where connection sequence is required
- Each pin has a full stroke capability of 2,29, allowing all pins to be compressed to the rated mid stroke while accounting for the 0,76 initial height offset of the 0914-1 (8,43) and 0914-0 (7,67)
- Precision-machined piston / base and gold-plated components assure up to 1,000,000 cycle life durability
- Pistons have a 1,14 mid. stroke and a 2,29 max. stroke
- Low resistance, high current contacts are rated at 2 amps continuous, 3 amps peak
- Insulators are high temperature thermoplastic

SINGLE ROW Series 825



DOUBLE ROW Series 827



ORDERING INFORMATION

Single Row Series 825

825-22-0XX-10-020101

Specify number of contacts 03-10

Double Row Series 827

827-22-0XX-10-020101

Specify number of contacts 06-20

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 height: 25 grams
 Spring force @ mid stroke (1,14): 60 grams
 Durability: Up to 1,000,000 cycles
 Coplanarity: 0,13 (Single Row up to 10 pins; Double Row up to 20 pins),
 For higher pin counts, contact Technical Support

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

