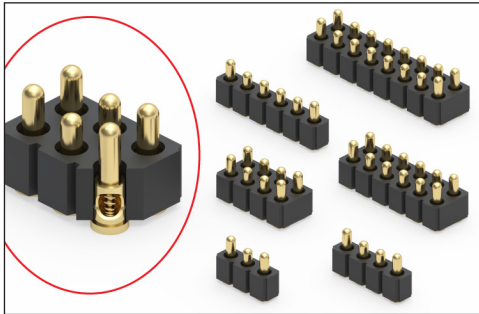


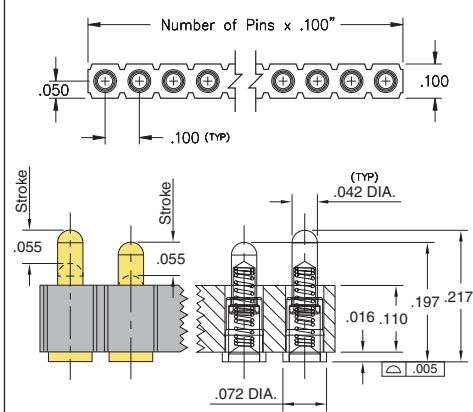
SPRING-LOADED CONNECTORS

SERIES 811 & 813 • .100" GRID SURFACE MOUNT, FIRST MATE/LAST BREAK • SINGLE AND DOUBLE ROW STRIPS



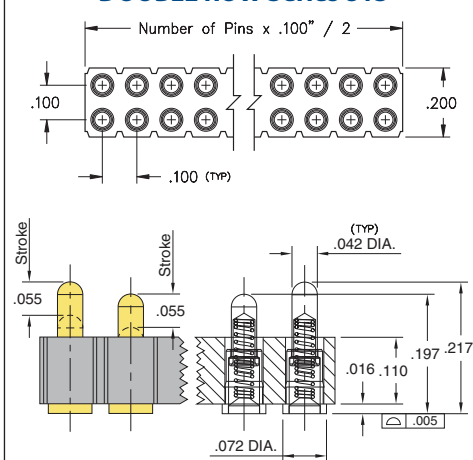
- Modular contacts for use on .100" grid, supplied in single and double row contact strips
- Taller pins in the end positions make contact first and break contact last to address applications where connection sequence is required
- Each pin has a full stroke capability of .055", allowing all pins to be compressed to the rated mid stroke while accounting for the .020" initial height offset of the 0900-3 (.217") and 0900-2 (.197")
- Precision-machined piston / base and gold-plated components assure up to 1,000,000 cycle life durability
- Pistons have a .0275" mid. stroke and a .055" max. stroke
- Low resistance, high current contacts are rated at 2 amps continuous, 3 amps peak
- Insulators are high temperature thermoplastic

SINGLE ROW Series 811



Coplanarity .005". For Pin Counts >10 positions consult Technical Support

DOUBLE ROW Series 813



Coplanarity .005". For Pin Counts >20 positions consult Technical Support

ORDERING INFORMATION

Single Row Series 811

811-22-0XX-30-022101

Specify number of contacts 03-10

Double Row Series 813

813-22-0XX-30-022101

Specify number of contacts 06-20

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: Up to 1,000,000 cycles
Coplanarity: .005" (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

