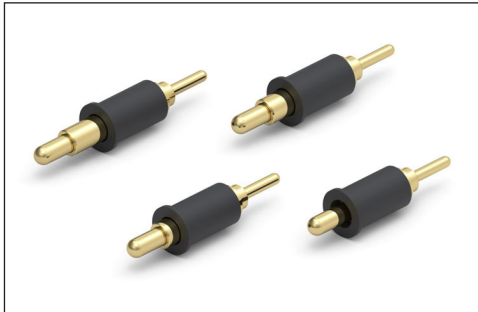


SPRING-LOADED CONNECTORS

SERIES 807 • DISCRETE INSULATED SPRING-LOADED PINS • THROUGH-HOLE MOUNT



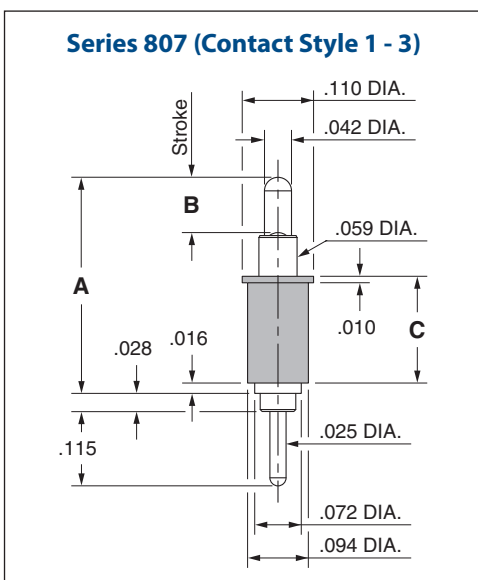
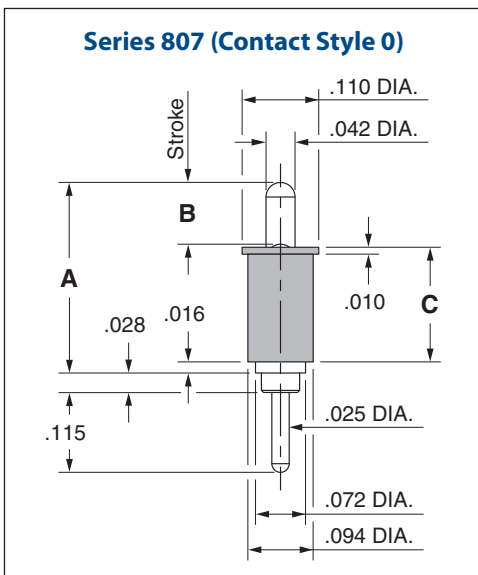
- Discrete insulated spring-loaded pins; available in four heights from .274" to .364", with working travel of .045"
- Precision-machined piston / base and gold-plated components assure up to 1,000,000 cycle life durability
- Low resistance contacts are rated at 2 amps continuous, 3 amps peak
- High temperature thermoplastic insulators are suitable for most soldering processes
- 807 series, contact styles 0 through 3, are packaged in bulk. See below for ordering information

ORDERING INFORMATION

Series 807 (Bulk Packaged)

807-22-001-10-02X101

Specify contact style 0-3



Contact Style	Initial Height (A)	Working Travel	Full Stroke Range (B)	Sleeve Height (C)
0	.274	.045	.085-.090	.165
1	.304	.045	.085-.090	.165
2	.334	.045	.085-.090	.165
3	.364	.045	.085-.090	.165

Technical Specifications

Materials:

Contact piston & base: Machined copper alloy plated 20μ" gold over 100μ" nickel
 Spring (Contact style 0-3): Beryllium copper-plated 10μ" gold
 Insulator: High temperature thermoplastic, rated UL94 V-0

Mechanical:

Spring force @ initial height (A) (Contact style 0-3): 25 grams
 Spring force @ mid stroke (B/2) (Contact style 0-3): 60 grams
 Durability: Up to 1,000,000 cycles

Electrical:

Current rating: 2A (continuous), 3A (peak) per contact
 Contact resistance: 20mΩ max.
 Insulation resistance: 10,000MΩ min.
 Dielectric strength: 700Vrms min.

