

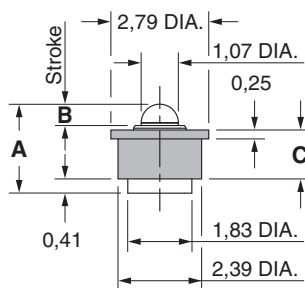
SPRING-LOADED CONNECTORS

SERIES 807 • DISCRETE INSULATED SPRING-LOADED PINS • SURFACE MOUNT

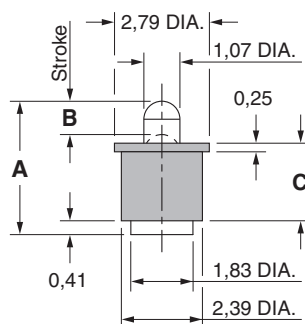


- Discrete insulated spring-loaded pins; available in seven heights from 2,54 to 5,99, with working travel from 0,3 to 0,7
- Precision-machined piston / base and gold-plated components assure up to 1,000,000 cycle life durability
- Low resistance contacts are rated at 2 amps continuous, 3 amps peak
- High temperature thermoplastic insulators are suitable for SMT soldering processes
- 807 series, contact styles 0 through 6, are available in bulk or on 16mm wide carrier tape for automated pick and place assembly. Tape and Reel packaging per EIA-481. See below for ordering information

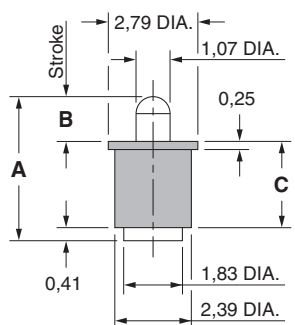
Series 807 (Contact Style 0)



Series 807 (Contact Style 1 & 2)



Series 807 (Contact Style 3-6)



ORDERING INFORMATION

Series 807 (Bulk Packaged)

807-22-001-30-00X101

Specify contact style 0-6

Series 807 (Tape & Reel Packaged)

807-22-001-30-00X191

Specify contact style 0-6

Contact Style	Initial Height (A)	Working Travel	Full Stroke Range (B)	Sleeve Height (C)	Quantity per Reel
0	2,54	0,3	0,51-0,61	1,39	2,620
1	3,48	0,5	0,76-0,99	2,08	1,750
2	3,94	0,5	0,89-0,99	2,29	1,750
3	4,50	0,7	1,14-1,4	2,69	1,055
4	5,0	0,7	1,14-1,4	3,2	780
5	5,51	0,7	1,14-1,4	3,71	780
6	5,99	0,7	1,14-1,4	4,19	780

Technical Specifications

Materials:

Contact piston & base: Machined copper alloy plated 0,51µm gold over 2,54µm nickel
 Spring (Contact style 0): Stainless Steel-plated 0,25µm gold
 Spring (Contact style 1-6): Beryllium copper-plated 0,25µm gold
 Insulator: High temperature thermoplastic, rated UL94 V-0

Mechanical:

Spring force @ initial height (A) (Contact style 0-6): 25 grams
 Spring force @ mid stroke (B/2) (Contact style 0): 70 grams
 Spring force @ mid stroke (B/2) (Contact style 1-6): 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.

RoHS-2
2011/65/EU

