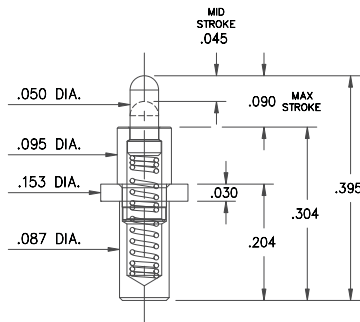


0850



0850-0-15-20-83-14-11-0

Power Spring Pin

Solder Mount in .090 min. mounting hole

Specifications for #0850-0:

Material:

- Sleeve & Plunger Material: Copper Alloy
- Spring Material: Stainless Steel 302.

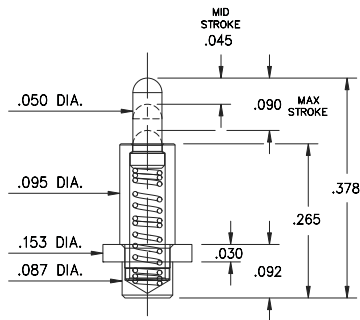
Mechanical Characteristics:

- Force @ mid-stroke (.045") = 120 grams
- Maximum stroke length = .090"
- Mechanical life: 1,000,000 cycles

Electrical Characteristics:

- Rated Current (Free air): Continuous 9 amps @ 10° C temperature rise.

0851



0851-0-15-20-82-14-11-0

Power Spring Pin

Solder Mount in .090 min. mounting hole

Specifications for #0851-0:

Material:

- Sleeve & Plunger Material: Copper Alloy
- Spring Material: Stainless Steel 302.

Mechanical Characteristics:

- Force @ mid-stroke (.045") = 120 grams
- Maximum stroke length = .090"
- Mechanical life: 1,000,000 cycles

Electrical Characteristics:

- Rated Current (Free air): Continuous 9 amps @ 10° C temperature rise.

ORDER CODE: 085X - X - 15 - 20 - 8X - 14 - 11 - 0

Spring Number

MATERIAL SPECIFICATIONS:

SLEEVE & PLUNGER MATERIAL: Copper Alloy
SPRING MATERIAL: Stainless Steel 302
SLEEVE & PLUNGER FINISH: 20 μ" Gold over Nickel
SPRING FINISH: 10 μ" Gold over Nickel
DIMENSION IN INCHES:
TOLERANCES ON: LENGTHS: ±.006
DIAMETERS: ±.002
ANGLES: ± 2°



MECHANICAL & ELECTRICAL SPECIFICATIONS:

DURABILITY: 1,000,000 cycles
Rated Current (Free air): Continuous 9 amps @ 10° C temperature rise
CONTACT RESISTANCE: 20 mΩ max.

SPRING NUMBER	Mid. STROKE	Max. STROKE	FORCE @ Mid. Stroke	Initial Force (Pre-load)
82	.045	.090	120 g	25 g
83	.045	.090	120 g	25 g

82 & 83 Springs are not Interchangeable