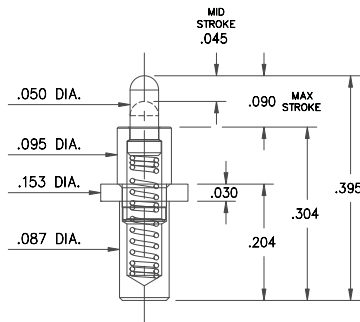


0850

0852



Specifications for #0850-0 & #0852-0:

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

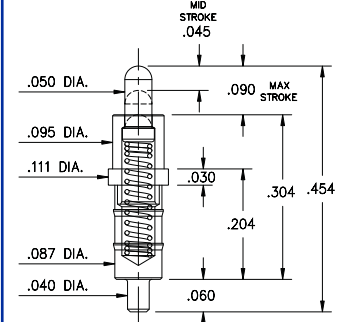
Electrical Characteristics:

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

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

Power Spring Pin

Solder Mount in .090 min. mounting hole



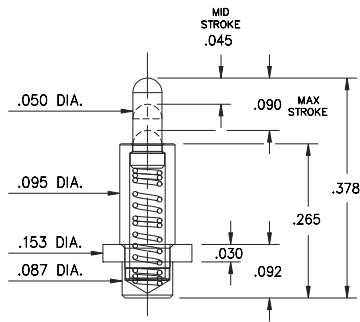
0852-0-15-20-83-14-11-0

Power Spring Pin

Solder Mount in .043 min. mounting hole

0851

0853



Specifications for #0851-0 & #0853-0:

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

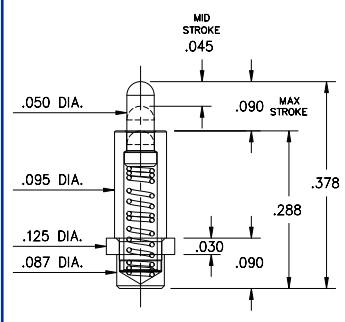
Electrical Characteristics:

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

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

Power Spring Pin

Solder Mount in .090 min. mounting hole



0853-0-15-20-82-14-11-0

Power Spring Pin

Solder Mount in .090 min. mounting hole

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