

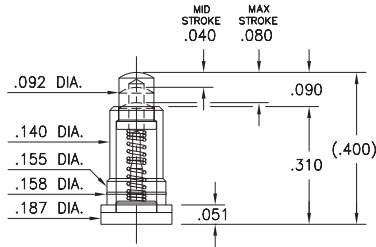
SPRING-LOADED PINS

DISCRETE SPRING-LOADED CONTACTS • POWER SPRING PINS

0871

0871-0-15-20-82-14-11-0

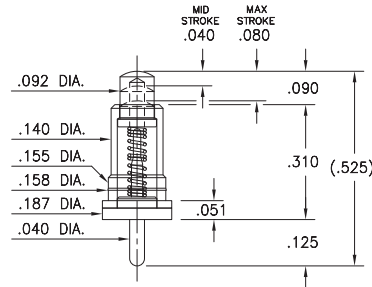
Long stroke, Surface mount *Force @ Mid. Stroke 100g
Also available on 24mm wide carrier tape: 330 parts per 13" reel
See page 28.6 for Tape & Reel details



0861

0861-0-15-20-82-14-11-0

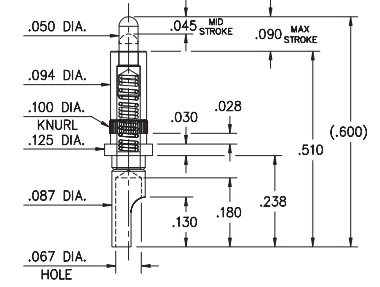
Solder Mount in .043 min. mounting hole
*Force @ Mid. Stroke 100g



0868

0868-0-15-20-82-14-11-0

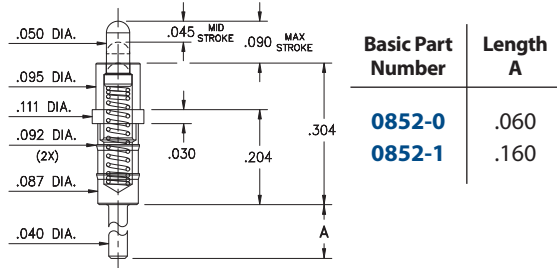
Long stroke, Soldercup
Accepts wire sizes up to 16 AWG



0852

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

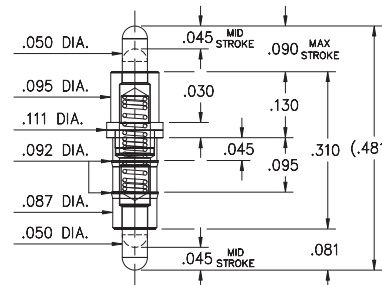
Power spring pin, Solder mount in .045 min. mounting hole
Also available on 44mm wide carrier tape: 425 parts per 13" reel
See page 28.6 for Tape & Reel details



0880

0880-1-15-20-82-14-11-0

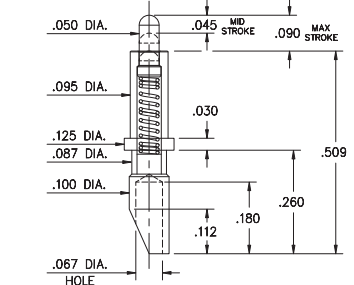
Double action, .090 Max. combined stroke
Mount between parallel circuit boards



0854

0854-0-15-20-82-14-11-0

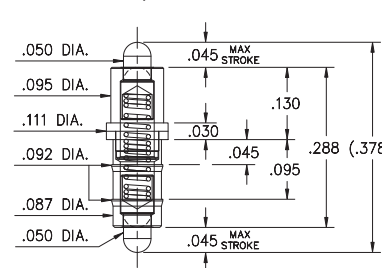
Power spring pin, Soldercup
Accepts wire sizes up to .057" Dia.



0881

0881-1-15-20-82-14-11-0

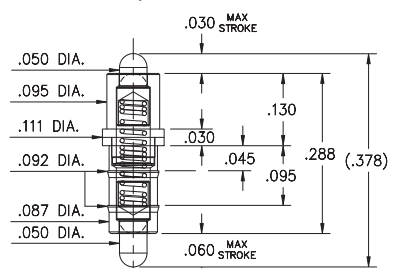
Double action, .090 Max. combined stroke
Mount between parallel circuit boards



0881

0881-2-15-20-82-14-11-0

Double action, .090 Max. combined stroke
Mount between parallel circuit boards



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
Dimensions: Inches
Tolerances On: Lengths: ±.006
Diameters: ±.002
Angles: ±2°



Mechanical & Electrical Specifications:

Durability: Up to 1,000,000 cycles
Rated Current (Free air):
Continuous 9 amps @ 10° C temperature rise
Contact Resistance: 20 mΩ max.
Environmental Specifications:
Operating temperature range:
-55/+125° C (discontinuous)
Springs are not interchangeable

Order Code: 08XX - X - XX - 20 - 8X - 14 - 11 - 0

Spring Number

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

