

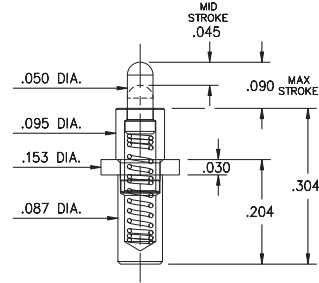
SPRING-LOADED PINS

DISCRETE SPRING-LOADED CONTACTS • POWER SPRING PINS

0850

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

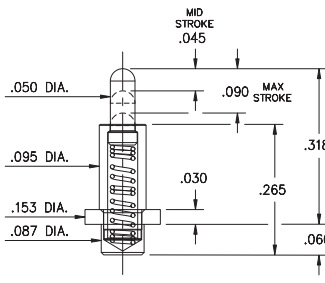
Power spring pin
Solder Mount in .090 min. mounting hole



0851

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

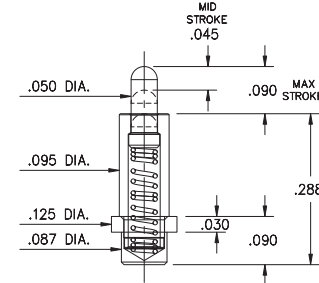
Power spring pin
Solder Mount in .090 min. mounting hole



0853

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

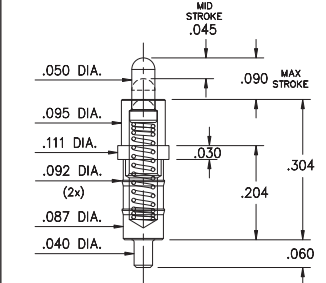
Power spring pin
Solder Mount in .090 min. mounting hole



0852

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

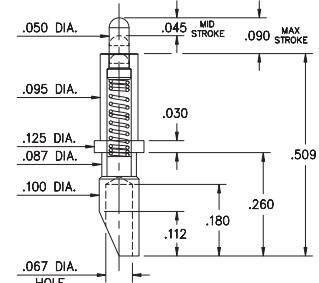
Power spring pin
Solder Mount in .043 min. mounting hole



0854

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

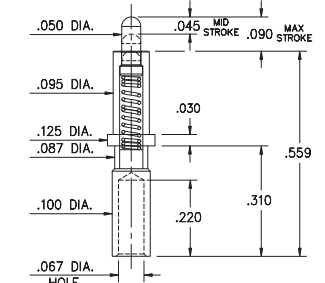
Power spring pin, Soldercup
Accepts wire sizes up to .057" Dia.



0855

0855-0-15-20-82-14-11-0

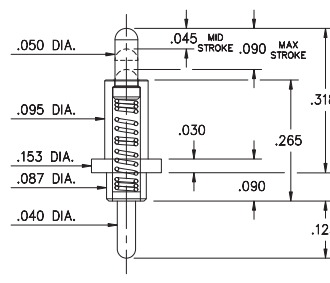
Power spring pin, Wire crimp termination
for wire sizes 16 AWG Max. / 20 AWG Min.



0856

0856-0-15-20-82-14-11-0

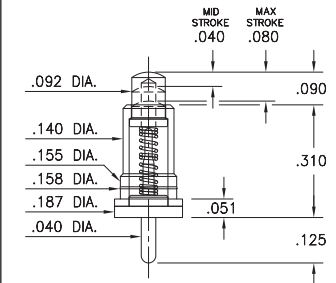
Power spring pin
Solder Mount in .043 min. mounting hole



0861

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

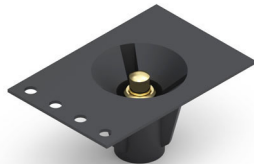
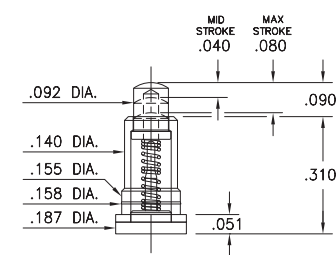
Solder Mount in .043 min. mounting hole
*Force @ Mid. Stroke 100g



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
Order as: 0871-0-57-20-82-14-11-0



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: $\pm .006$
Diameters: $\pm .002$
Angles: $\pm 2^\circ$



Mechanical & Electrical Specifications:

Durability: 1,000,000 cycles
Rated Current (Free air):
Continuous 9 amps @ 10° C temperature rise
Contact Resistance: 20 m Ω max.
Environmental Specifications:
Operating temperature range: -55/+125° C

82, 83 Springs are not interchangeable

Order Code: 08XX - X - 15 - 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



Mill-Max Mfg. Corp. • 190 Pine Hollow Road, P.O. Box 300, Oyster Bay, NY 11771 • 516-922-6000 • Fax: 516-922-9253 • www.mill-max.com

Mouser Electronics

Authorized Distributor

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[0851-0-15-20-82-14-11-0](#) [0853-0-15-20-82-14-11-0](#) [0855-0-15-20-82-14-11-0](#) [0856-0-15-20-82-14-11-0](#) [0854-0-15-20-82-14-11-0](#) [0850-0-15-20-83-14-11-0](#) [0850-0-15-00-00-00-11-0](#) [0851-0-15-00-00-00-11-0](#) [0861-0-15-20-82-14-11-0](#)