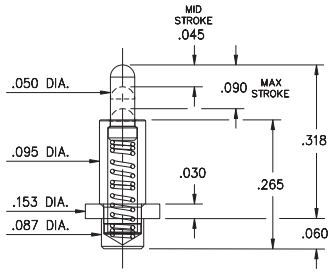
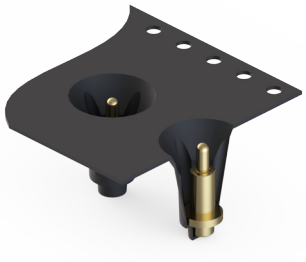
SPRING-LOADED PINS

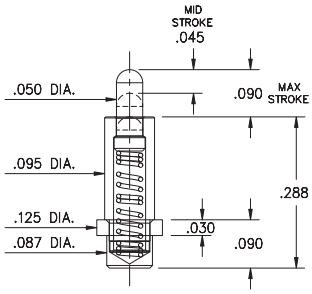
DISCRETE SPRING-LOADED CONTACTS • POWER SPRING PINS

0851
0851-0-15-20-82-14-11-0
Solder Mount in .090 min. mounting hole or Surface Mount, .087" Ø minimum pad
Also available on 24mm wide carrier tape: 540 parts per 13" reel
Order as: 0851-0-57-20-82-14-11-0

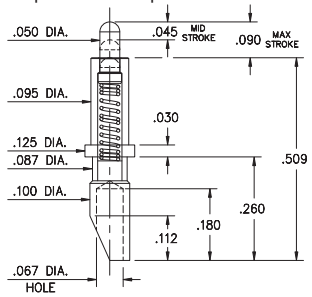




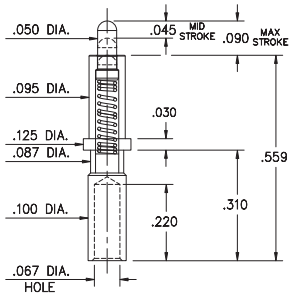
0853
0853-0-15-20-82-14-11-0
Solder Mount in .090 min. mounting hole or Surface Mount, .087" Ø minimum pad



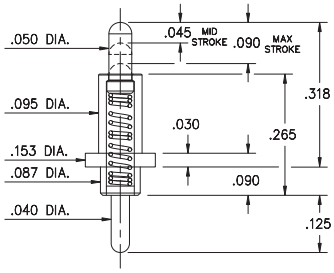
0854
0854-0-15-20-82-14-11-0
Power spring pin, Soldercup
Accepts wire sizes up to .057" Dia.



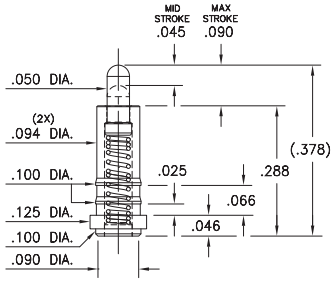
0855
0855-0-15-20-82-14-11-0
Power spring pin, Wire crimp termination for wire sizes 16 AWG Max. / 20 AWG Min.



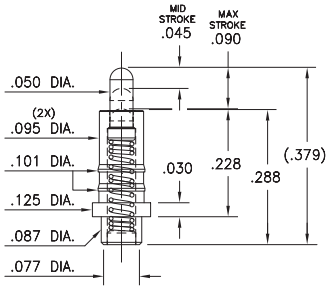
0856
0856-0-15-20-82-14-11-0
Power spring pin
Solder Mount in .045 min. mounting hole



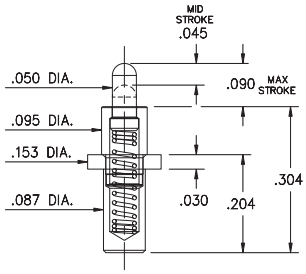
0859
0859-0-15-20-82-14-11-0
Power spring pin
Surface Mount, .100" Ø suggested pad size



0873
0873-0-15-20-82-14-11-0
Solder Mount in .090 min. mounting hole or Surface Mount, .087" Ø minimum pad

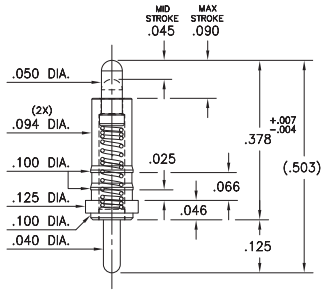


0850
0850-0-15-20-83-14-11-0
Power spring pin, Solder Mount in .090 min. mounting hole
Also available on 32mm wide carrier tape: 500 parts per 13" reel
Order as: 0850-0-57-20-83-14-11-0

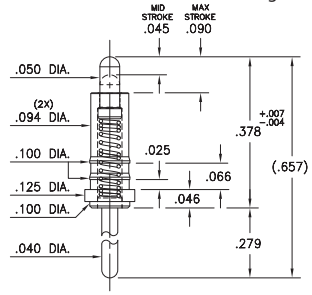




0858
0858-0-15-20-82-14-11-0
Power spring pin
Solder Mount in .045 min. mounting hole



0878
0878-0-15-20-82-14-11-0
Power spring pin
Solder Mount in .045 min. mounting hole



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°

RoHS-2 2011/65/EU

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)

82, 83, 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

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

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