

SPRING-LOADED PINS

DISCRETE SPRING-LOADED CONTACTS • POWER SPRING PINS

<p>0850 0850-0-15-20-83-14-11-0 Power spring pin Solder Mount in .090 min. mounting hole</p>	<p>0851 0851-0-15-20-82-14-11-0 Power spring pin Solder Mount in .090 min. mounting hole</p>	<p>0853 0853-0-15-20-82-14-11-0 Power spring pin Solder Mount in .090 min. mounting hole</p>	<p>0852 0852-0-15-20-83-14-11-0 Power spring pin Solder Mount in .043 min. mounting hole</p>
<p>0854 0854-0-15-20-82-14-11-0 Power spring pin, Soldercup Accepts wire sizes up to .057" Dia.</p>	<p>0855 0855-0-15-20-82-14-11-0 Power spring pin, Wire crimp termination for wire sizes 16 AWG Max. / 20 AWG Min.</p>	<p>0856 0856-0-15-20-82-14-11-0 Power spring pin Solder Mount in .043 min. mounting hole</p>	<p>0861 0861-0-15-20-82-14-11-0 Solder Mount in .043 min. mounting hole *Force @ Mid. Stroke 100g</p>
<p>0871 0871-0-15-20-82-14-11-0 Long stroke, Surface Mount *Force @ Mid. Stroke 100g</p>			

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: 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
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

