

# SPRING-LOADED PINS

## DISCRETE SPRING-LOADED CONTACTS • POWER SPRING PINS

<p><b>0850</b> 0850-0-15-20-83-14-11-0 Power spring pin Solder Mount in 2,29 min. mounting hole</p>	<p><b>0851</b> 0851-0-15-20-82-14-11-0 Power spring pin Solder Mount in 2,29 min. mounting hole</p>	<p><b>0853</b> 0853-0-15-20-82-14-11-0 Power spring pin Solder Mount in 2,29 min. mounting hole</p>	<p><b>0852</b> 0852-0-15-20-83-14-11-0 Power spring pin Solder Mount in 1,09 min. mounting hole</p>
<p><b>0854</b> 0854-0-15-20-82-14-11-0 Power spring pin, Soldercup Accepts wire sizes up to 1,45 Dia.</p>	<p><b>0855</b> 0855-0-15-20-82-14-11-0 Power spring pin, Wire termination for wire sizes 16 AWG Max. / 20 AWG Min.</p>	<p><b>0856</b> 0856-0-15-20-82-14-11-0 Power spring pin Solder Mount in 1,09 min. mounting hole</p>	

**Material Specifications:**

**Sleeve & Plunger Material:** Copper Alloy  
**Spring Material:** Stainless Steel 302  
**Sleeve & Plunger Finish:** 0,5µm Gold over Nickel  
**Spring Finish:** 0,25µm Gold over Nickel  
**Dimensions:** Millimeters  
**Tolerances On:** Lengths: ± 0,15  
 Diameters: ± 0,051  
 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	1,14	2,29	120 g	25 g
83	1,14	2,29	120 g	25 g

