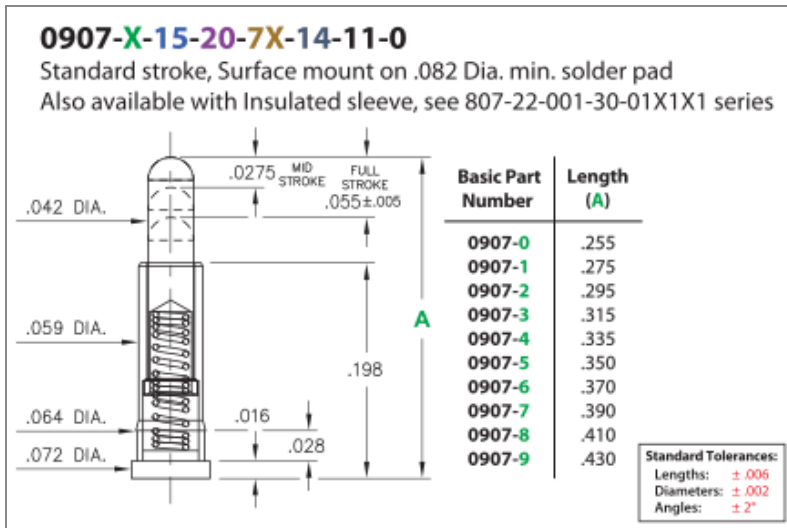




PRODUCT NUMBER: 0907-7-15-20-75-14-11-0

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DATA SHEET



## 0907-7-15-20-75-14-11-0 SPECIFICATIONS

General Info	
<b>Description<sup>1</sup>:</b>	Surface Mount Spring-Loaded Pin
<b>Plunger Type:</b>	Round
<b>Mounting Feature:</b>	Surface Mount
<b>Initial Height:</b>	.390" (9,906mm)
<b>Stroke:</b>	.055" (1,397mm)
<b>Packaging:</b>	Packaged in Bulk
<b>RoHS<sup>2</sup>:</b>	Yes
<b>Product Lifecycle<sup>3</sup>:</b>	Active

Materials
<b>Shell Material<sup>4</sup>:</b> Brass Alloy
<b>Shell Plating<sup>5</sup>:</b> 20 μ" Gold over Nickel
<b>Spring Plating<sup>6</sup>:</b> 10 μ" Gold over Nickel

Technical Specs	
<b>Durability:</b>	Up to 1,000,000 Cycles @ Mid-Stroke
<b>Operating Temperature Range<sup>7</sup>:</b>	-55/+125° C
<b>Current Rating<sup>8</sup>:</b>	See Spring Specifications Below
<b>Contact Resistance<sup>9</sup>:</b>	See Spring Specifications Below
<b>Shock<sup>10</sup>:</b>	No Elect. Discontinuity > 1μs @ 50g
<b>Vibration<sup>11</sup>:</b>	No Elect. Discontinuity > 1μs @ 10-2000HZ, 20 G



<b>Maximum Operating Temp @ Max Current</b>	120.00° C	<b>20% De-rated Maximum Current</b>	5.20A
<b>Contact Resistance</b>	20.00mΩ Max		

## ADDITIONAL NOTES AND SPECIFICATIONS

In the interest of improved design, quality and performance, Mill-Max reserves the right to make changes in its specifications without prior notice. Specifications and tolerances are provided wherever possible. The tolerance on dimensions of critical to function features is typically held tighter than the stated standard tolerances, such as press-fits, holes and lengths affecting the coplanarity of SMT products. Due to the wide variety of interconnects Mill-Max offers, the specific tolerances vary from product to product. If you need information regarding the tolerance of a particular part, please contact Technical Services.

## RELATED LINKS AND DOCUMENTS

Engineering Notebook: ( <https://www.mill-max.com/engineering-notebooks/spring-loaded-pogo-pins-connectors> )

Environmental Compliance: ( <https://www.mill-max.com/rohs> )