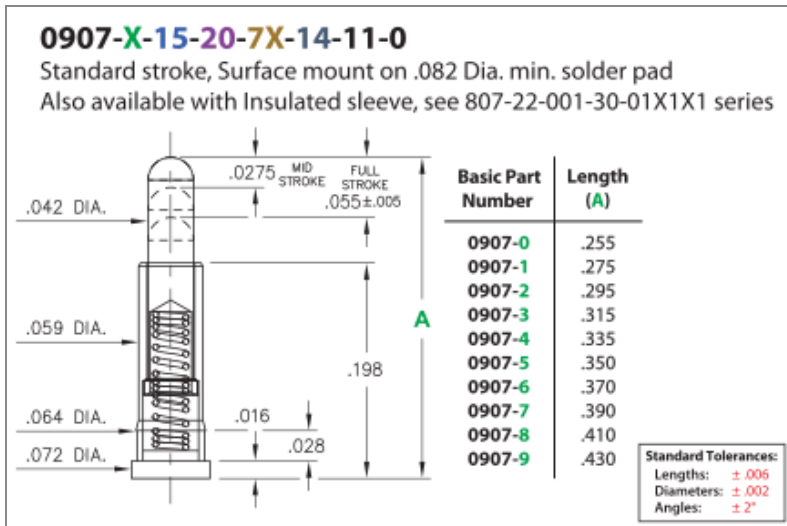




PRODUCT NUMBER: 0907-3-15-20-75-14-11-0

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DATA SHEET



0907-3-15-20-75-14-11-0 SPECIFICATIONS

General Info	
Description¹:	Surface Mount Spring-Loaded Pin
Plunger Type:	Round
Mounting Feature:	Surface Mount
Initial Height:	.315" (8,001mm)
Stroke:	.055" (1,397mm)
Packaging:	Packaged in Bulk
RoHS²:	Yes
Product Lifecycle³:	Active

Materials
Shell Material⁴: Brass Alloy
Shell Plating⁵: 20 μ" Gold over Nickel
Spring Plating⁶: 10 μ" Gold over Nickel

Technical Specs	
Durability:	Up to 1,000,000 Cycles @ Mid-Stroke
Operating Temperature Range⁷:	-55/+125° C
Current Rating⁸:	See Spring Specifications Below
Contact Resistance⁹:	See Spring Specifications Below
Shock¹⁰:	No Elect. Discontinuity > 1μs @ 50g
Vibration¹¹:	No Elect. Discontinuity > 1μs @ 10-2000HZ, 20 G

Maximum Operating Temp @ Max Current	120.00° C	20% De-rated Maximum Current	5.20A
Contact Resistance	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>)