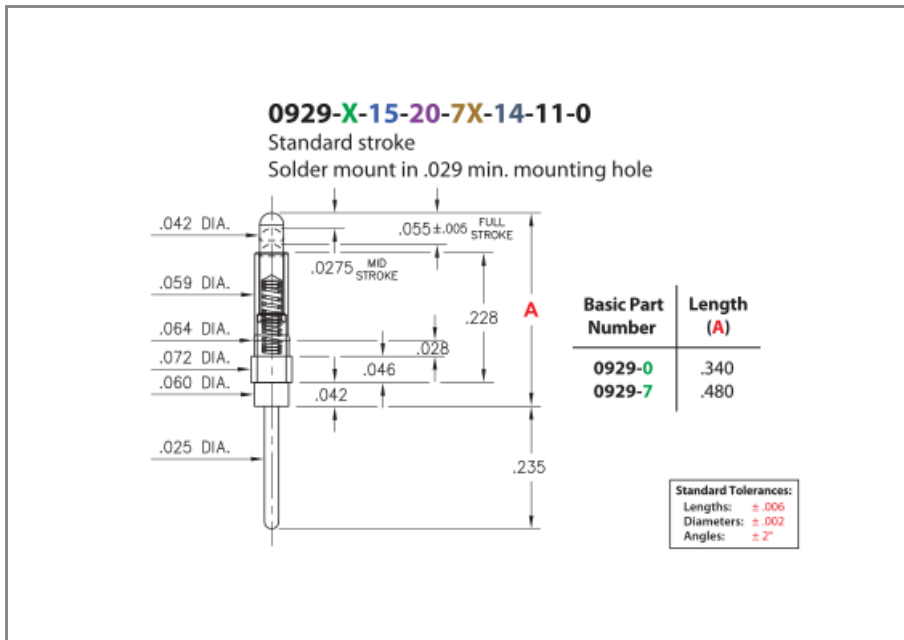




PRODUCT NUMBER: 0929-7-15-20-75-14-11-0

www.mill-max.com
DATA SHEET



General Information	
1 Product Lifecycle:	Active
Product Family:	Discrete Spring Loaded Pins
2 Description:	Spring-Loaded Pin with a Standard Tail
3 Shell/Plunger Material:	Brass Alloy
Spring Number:	75 - Standard Force Beryllium Copper (Click For Graphs)
Spring Material:	Beryllium Copper
4 Operating Temperature Range:	-55/+125° C
Country of Origin:	USA
5 ROHS:	Yes

Termination Style	
Target Face Type:	N/A
Tail Type:	SolderTail
Tail:	Single
Wire Termination:	N/A

0929-7-15-20-75-14-11-0 - SPECIFICATIONS

Product Attributes	
6 Shell/Plunger Plating:	20: Body/Plunger Plating - 20 μ " Gold over Nickel
7 Spring Plating:	14 Spring Plating - 10 μ " Gold over Nickel
Plunger Type:	Round
Plunger Diameter:	.042" (1,067mm)
Max Stroke:	.055" (1,397mm)
Rated Travel (Mid-Stroke):	.028" (0,711mm)
Spring Force (Initial):	10g
Spring Force (Mid-Stroke):	60g

Key Dimensions	
Barb/Knurl Diameter:	.064" (1,626mm)
Body Diameter:	.059" (1,499mm)
Body Length:	.182" (4,623mm)
Flange Diameter:	.072" (1,829mm)
Flange Length:	.046" (1,168mm)
Head Diameter:	N/A
Hole Depth:	N/A
Initial Height:	.480" (12,192mm)
Overall Length:	.715" (18,161mm)
Tail Diameter:	.025" (0,635mm)
Tail Length:	.235" (5,969mm)

Electrical Specifications	
Maximum Current:	6.5A @ 30° C Temp. Rise
8 Maximum Derated Current:	5.20A
Contact Resistance:	20.00m Ω Max

Mechanical Specifications	
Mechanical life (Durability):	Up to 1,000,000 Cycles @ Mid-Stroke
9 Shock:	No Elect. Discontinuity > 1 μ s @ 50g
10 Vibration:	No Elect. Discontinuity > 1 μ s @ 10-2000HZ, 20 G

Mounting Specifications

11 Mounting Feature:	Through-Hole Solder Mount
Mounting Hole Type:	Plated Through Hole (PTH)
Mounting Hole:	.029" (0,737mm)
Alternate Mounting:	N/A
Alternate Mounting Hole:	N/A
SMT Pad Size:	N/A

Packaging Information

Packaging:	15 - Packaged in Bulk
Reel Size:	N/A

Environmental & Export Classifications

REACH Status:	REACH Unaffected
ECCN:	Contact Factory
HTSUS:	8536.90.4000
Cage Code:	3N087
Moisture Sensitivity Level (MSL):	1 (Unlimited)
Special Handling Code:	UNDF
Prop 65:	N
Static Sensitive:	N

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

- Product Detail: [0929-7-15-20-75-14-11-0 - Spring-Loaded Pin with a Standard Tail](#)
- Engineering Notebook: [Introduction to Spring-Loaded Pogo Pins & Connectors](#)
- Environmental Compliance: <https://www.mill-max.com/rohs>