



PRODUCT NUMBER: 3111-1-00-01-00-00-08-0

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DATA SHEET

311X-X-00-XX-00-00-08-0				
Swage mount in .043 hole	Basic Part Number	Board Thickness	Length A	Length V
.025 DIA.	3110-1	.031	.150	.051
.040 DIA.	3110-2	.062	.150	.082
.070 DIA.	3110-3	.094	.150	.113
.020	3111-1	.031	.300	.051
A	3111-2	.062	.300	.082
.030 DIA.	3111-3	.094	.300	.113



3111-1-00-01-00-00-08-0 SPECIFICATIONS

General Info		Materials		Technical Specs	
Description ¹ :	Swage Terminal Pin	Shell Material ⁴ :	Brass Alloy	Operating Temperature Range ⁶ :	-55/+125° C
Mounting Feature:	Swage Mount	Shell Plating ⁵ :	200 - 300 μ" Tin/Lead over Nickel	Maximum Current:	Application Specific
Mounting Hole:	.043" (1,092mm)				
Alternate Mounting ² :	Through-Hole Solder tail Mount				
Alternate Mounting Hole:	0.0340				
Packaging:	Packaged in Bulk				
RoHS:	No				
Product Lifecycle ³ :	Active				
Country Of Origin:	USA				

NOTES:

1. Standard Tolerances:
Lengths +/- .005" (0,13)
Diameters: +/- .002" (0,051)
Angles: +/- 2°
2. For through-hole solder mounting of this part, the suggestion is to make the finished hole size, at its minimum, .004" larger than the diameter being soldered into the mounting hole.
3. Part is Active and in Production, No Scheduled Obsolescence
4. Brass Alloy 360 per ASTM B 16, or 385 per ASTM B455
5. TIN/LEAD (93/7) per ASTM B 545 (Appendix X6.3.2.5 to eliminate whisker growth) Bright finish; NICKEL per ASTM B 689, Type 2 (Bright)
6. Per IEC 60512-11-(4,-9,-10,-12)

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: [Introduction to Swage Assembly](#)
- Engineering Notebook: [Introduction to Printed Circuit Board PCB Pins](#)
- Environmental Compliance: <https://www.mill-max.com/rohs>