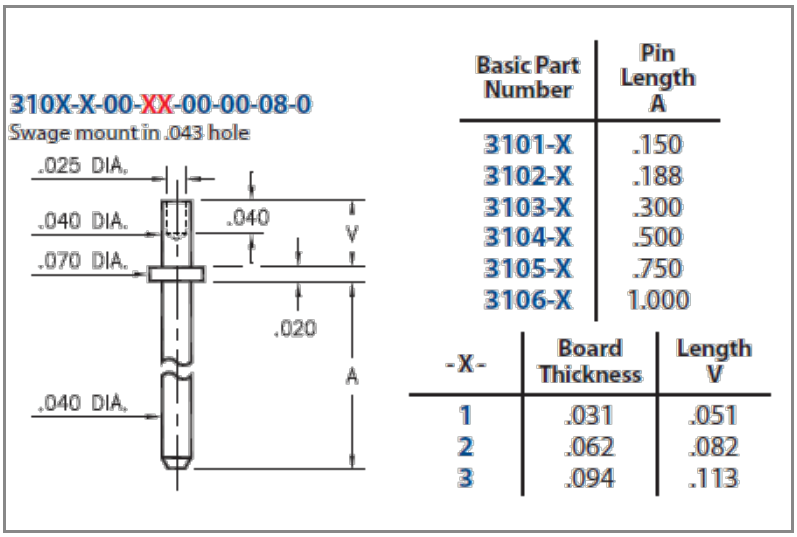
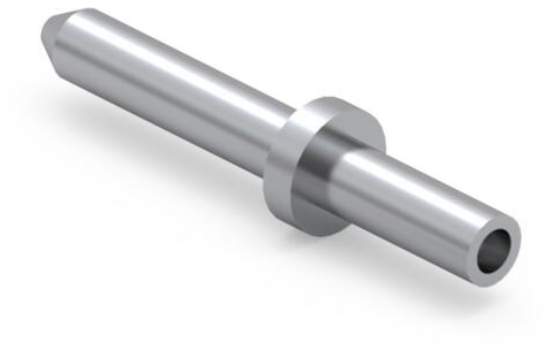
PRODUCT NUMBER: 3102-3-00-80-00-00-08-0

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DATA SHEET



Basic Part Number	Pin Length A
3101-X	.150
3102-X	.188
3103-X	.300
3104-X	.500
3105-X	.750
3106-X	1.000

-X-	Board Thickness	Length V
1	.031	.051
2	.062	.082
3	.094	.113



3102-3-00-80-00-00-08-0 SPECIFICATIONS

General Info	
Description[1]:	Swage Terminal Pin
Mounting Feature:	Swage Mount
Mounting Hole:	.043" (1,092mm)
Alternate Mounting[2]:	Through-Hole Soldertail Mount
Alternate Mounting Hole:	0.0440
Packaging:	Packaged in Bulk
RoHS[3]:	Yes
Product Lifecycle[4]:	Active
Country Of Origin:	USA

Materials	
Shell Material[5]:	Brass Alloy
Shell Plating[6]:	200 - 300 µ" Tin (matte finish) over Nickel

Technical Specs	
Operating Temperature Range[7]:	- 55/+125° C
Maximum Current:	Application Specific

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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. Mill-Max products labeled with the RoHS symbol are compliant with all three ROHS Directives. All of our products previously described as RoHS (2002/95/EC) and RoHS-2 (2011/65/EC) are also compliant with RoHS-3 (2015/863/EU).
4. Part is Active and in Production, No Scheduled Obsolescence
5. Brass Alloy 360 per ASTM B 16, or 385 per ASTM B455
6. TIN (100%) per ASTM B 545, Matte finish (With whisker and oxide inhibitors); NICKEL per ASTM B 689, Type 2 (Bright)
7. 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

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