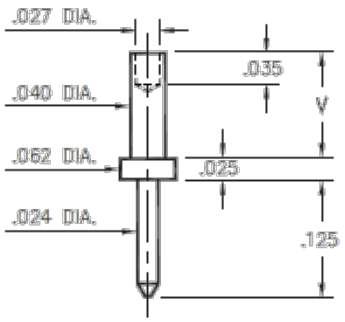
PRODUCT NUMBER: 3112-2-00-21-00-00-08-0

www.mill-max.com
DATA SHEET

3112-X-00-XX-00-00-08-0
Swage mount in .043 hole



Basic Part Number	Board Thickness	Length V
3112-1	.031	.051
3112-2	.062	.082
3112-3	.094	.113

3112-2-00-21-00-00-08-0 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:	0.0280
Packaging:	Packaged in Bulk
RoHS[3]:	Yes
Product Lifecycle[4]:	Active

Materials	
Shell Material [5] :	Brass Alloy
Shell Plating[6]:	20 µ" Gold over Nickel

Technical Specs	
Operating Temperature Range[7]:	- 55/+125° C
Current Rating[8]:	Application Specific

(c)2023 Mill-Max Mfg Corp. | 516-922-6000
190 Pine Hollow Road, Oyster Bay, NY 11771

Downloaded from Arrow.com.

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. GOLD per ASTM B 488, Type 1 (99.7% min. gold), Code C (130-200 HK {Knoop hardness}); NICKEL per ASTM B 689, Type 2 (Bright)
7. Per IEC 60512-11-(4,-9,-10,-12)
8. Current rating is typically a measured function of the female socket/connector. The amount of current a solid, male, brass pin can tolerate is a direct relation of the heat displaced based on current and the ability of neighboring components to handle displaced heat.

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/introduction-to-swage-assembly)
Environmental Compliance: (https://www.mill-max.com/rohs)

Downloaded from Arrow.com.