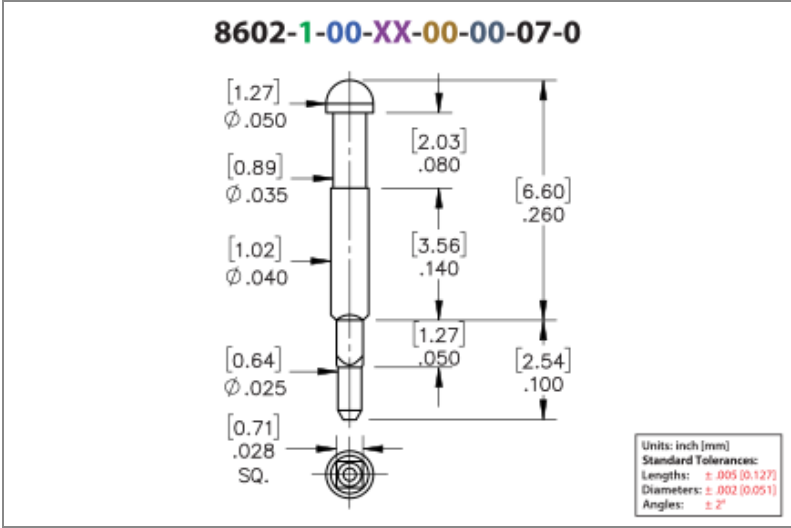




PRODUCT NUMBER: 8602-1-00-80-00-00-07-0

www.mill-max.com
DATA SHEET



8602-1-00-80-00-00-07-0 SPECIFICATIONS

General Info	Materials	Technical Specs
Description¹: Press-fit PCB Pin	Shell Material⁶: Brass Alloy	Operating Temperature Range⁸: - 55/+125° C
Mounting Feature²: Press-Fit into a Plated Through Hole (PTH)	Shell Plating⁷: 200 - 300 μ " Tin (matte finish) over Nickel	Maximum Current: Application Specific
Mounting Hole: .032" (0,813mm)		
Alternate Mounting³: Through-Hole Solder tail Mount		
Alternate Mounting Hole: 0.0290		
Packaging: Packaged in Bulk		
RoHS⁴: Yes		
Product Lifecycle⁵: Active		
Country Of Origin: USA		

NOTES:

1. Standard Tolerances:
Diameters +/- .002"
Lengths +/- .005"
Angles +/- 2
2. The suggested mounting hole represents the plated through-hole size. Press-fit pins designed for plated through-holes require the bare board drill size to be .001" (.0254 mm) larger than the diameter of the press-fit feature. This is a general guideline; your application may require different specifications
3. 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.
4. 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).
5. Part is Active and in Production, No Scheduled Obsolescence
6. Brass Alloy 360 per ASTM B 16, or 385 per ASTM B455
7. TIN (100%) per ASTM B 545, Matte finish (With whisker and oxide inhibitors); NICKEL per ASTM B 689, Type 2 (Bright)
8. 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

Application Note: (<https://www.mill-max.com/sites/default/files/external/assets/2017-07/Application%20Note%20-%20Press-Fit%20Pins%20and%20Receptacles%20for%20Plated%20Through%20Holes.pdf>)

Engineering Notebook: (<https://www.mill-max.com/engineering-notebooks/printed-circuit-board-terminal-pins>)

Environmental Compliance: (<https://www.mill-max.com/rohs>)