

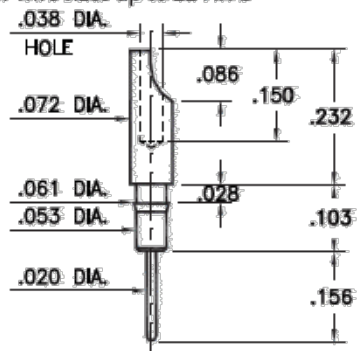


PRODUCT NUMBER: 0275-0-01-80-00-00-03-0

www.mill-max.com
DATA SHEET

0275-0-01-XX-00-00-03-0

Press-fit in .057 mounting hole
Pin material is Phosphor Bronze 544 (B2)
For wire sizes up to 22 AWG



0275-0-01-80-00-00-03-0 SPECIFICATIONS

General Info		Materials	Technical Specs	
Description ¹ : Solder Cup Terminal Pin		Shell Material ⁵ : Phosphor Bronze	Operating Temperature Range ⁷ : - 55/+125° C	
Mounting Feature:	Press-Fit into a Non-Plated Through Hole (NPTH) or Insulator	Shell Plating ⁶ : 200 - 300 μ" Tin (matte finish) over Nickel	Maximum Current: Application Specific	
Mounting Hole:	.057" (1,448mm)			
Alternate Mounting ² :	Through-Hole Solder tail Mount			
Alternate Mounting Hole:	0.0240			
Packaging:	Packaged in Bulk			
RoHS ³ :	Yes			
Product Lifecycle ⁴ :	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. 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. Phosphor Bronze Alloy 544 per ASTM-B139
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

- [Application Note - Pins Receptacles & Connectors with Solder Cups](#)
- Engineering Notebook: [Introduction to Printed Circuit Board PCB Pins](#)
- Environmental Compliance: <https://www.mill-max.com/rohs>