

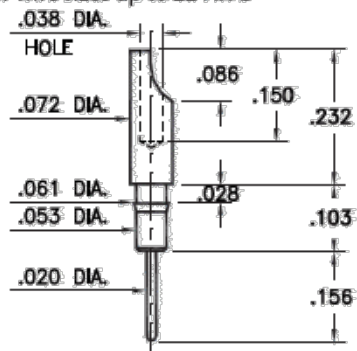


PRODUCT NUMBER: 0275-0-01-34-00-00-03-0

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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



## 0275-0-01-34-00-00-03-0 SPECIFICATIONS

| General Info                                       |                                                              | Materials                                           | Technical Specs                                         |  |
|----------------------------------------------------|--------------------------------------------------------------|-----------------------------------------------------|---------------------------------------------------------|--|
| Description <sup>1</sup> : Solder Cup Terminal Pin |                                                              | Shell Material <sup>5</sup> : Phosphor Bronze       | Operating Temperature Range <sup>7</sup> : - 55/+125° C |  |
| Mounting Feature:                                  | Press-Fit into a Non-Plated Through Hole (NPTH) or Insulator | Shell Plating <sup>6</sup> : 50 μ" Gold over Nickel | Maximum Current: Application Specific                   |  |
| Mounting Hole:                                     | .057" (1,448mm)                                              |                                                     |                                                         |  |
| Alternate Mounting <sup>2</sup> :                  | Through-Hole Solder Tail Mount                               |                                                     |                                                         |  |
| Alternate Mounting Hole:                           | 0.0240                                                       |                                                     |                                                         |  |
| Packaging:                                         | Packaged in Bulk                                             |                                                     |                                                         |  |
| RoHS <sup>3</sup> :                                | Yes                                                          |                                                     |                                                         |  |
| Product Lifecycle <sup>4</sup> :                   | Active                                                       |                                                     |                                                         |  |
| Country Of Origin:                                 | USA                                                          |                                                     |                                                         |  |

## NOTES:

1. Standard Tolerances:  
Lengths  $\pm .005$ " (0,13)  
Diameters:  $\pm .002$ " (0,051)  
Angles:  $\pm 2^\circ$
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. 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)

## 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>