PRODUCT NUMBER: 7827-0-00-01-00-00-03-0

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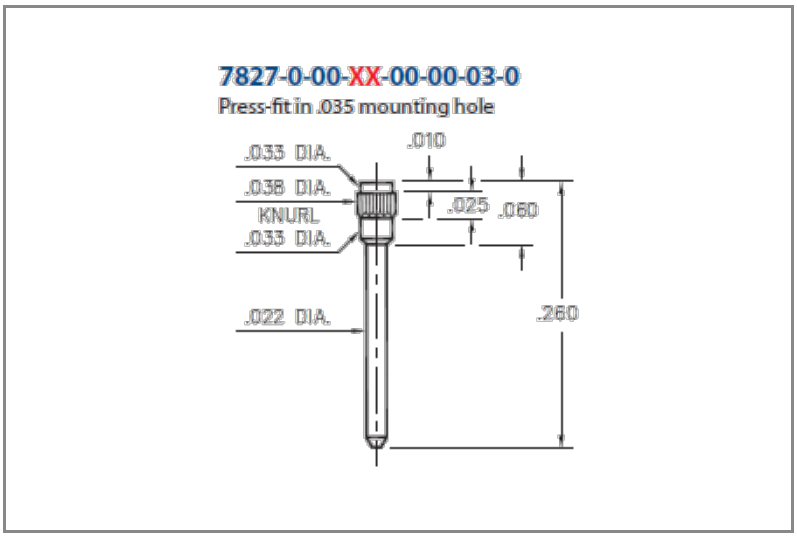
DATA SHEET



7827-0-00-01-00-00-03-0 SPECIFICATIONS

General Info	
Description[1]:	Press-fit PCB Pin
Mounting Feature:	Press-Fit into a Non-Plated Through Hole (NPTH) or Insulator
Mounting Hole:	.035" (0,889mm)
Alternate Mounting[2]:	Through-Hole Soldertail Mount
Alternate Mounting Hole:	0.0260
Packaging:	Packaged in Bulk
RoHS:	No
Product Lifecycle[3]:	Active
Country Of Origin:	USA

Materials	
Shell Material[4]:	Brass Alloy
Shell Plating[5]:	200 - 300 µ" Tin/Lead over Nickel

Technical Specs	
Operating Temperature Range[6]:	- 55/+125° C
Maximum Current:	Application Specific

NOTES:

1. Standard Tolerances:
   Diameters +/-.002"
   Lengths +/-.005"
   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. Part is Active and in Production, No Scheduled Obsolescence
4. Brass Alloy 360 per ASTM B 16, or 385 per ASTM B455
5. TIN/LEAD (93/7) per ASTM B 545 (Appendix X6.3.2.5 to eliminate whisker growth) Bright finish; NICKEL per ASTM B 689, Type 2 (Bright)
6. 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: (https://www.mill-max.com/engineering-notebooks/mill-max-press-fit-pins)
Engineering Notebook: (https://www.mill-max.com/engineering-notebooks/printed-circuit-board-terminal-pins/introduction-to-mill-max-press-fit-technology)
Environmental Compliance: (https://www.mill-max.com/rohs)