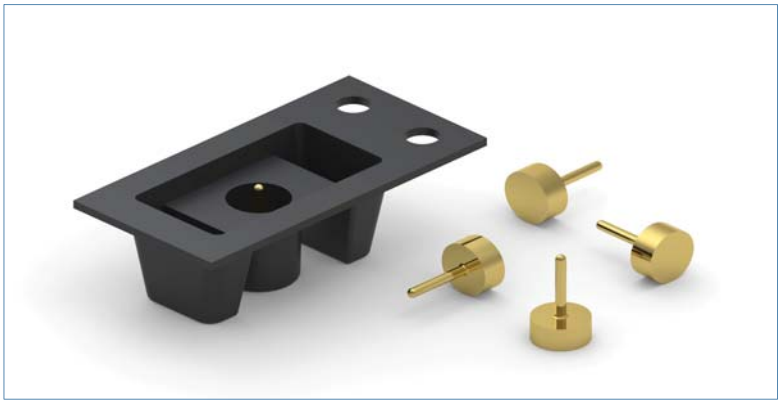
MAXIMUM SOLUTIONS

New Tape & Reel Packaged SMT Pin from Mill-Max

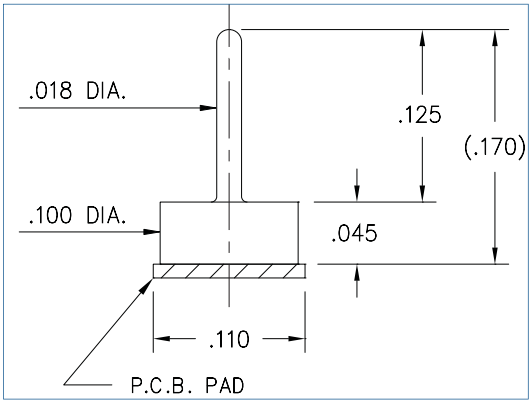


Mill-Max is pleased to introduce a new SMT pin for use as a test point or for low profile board-to-board connections. These pins are available packaged on tape & reel for pick-and-place assembly or in bulk for low volume requirements and prototyping. The part numbers are: 1508-0-57-15-00-00-03-0 for tape and reel packaging and 1508-0-00-15-00-00-03-0 for bulk.

The 1508 pin features a large base for stability and for making a secure solder connection to the PCB. The tail/pin diameter is .018" (.46 mm) making it suitable for plugging into a broad selection of standard Mill-Max receptacles or for attaching a test clip.

The tape & reel packaged pins come 1,600 parts per 13" (330 mm) reel with a pitch of 8 mm and a tape width of 16 mm. The tape pocket has an opening of .110" (2.79 mm) allowing ample room for a pick & place vacuum nozzle to enter the pocket and draw the pin out. Tape and reel packaging is per EIA-481.

The standard plating for the 1508 pins is gold, providing the highest interconnect reliability, corrosion protection and wear resistance. Tin and tin/lead plating options are also available upon request. The pins are made from brass alloy, and like all Mill-Max pins, are high-speed machined to precision tolerances.



Contact Mill-Max technical support to discuss custom variations of the 1508 meeting your specifications. We can work with you to design the style, size and packaging you require.

For more information, please visit: www.mill-max.com/PR627.

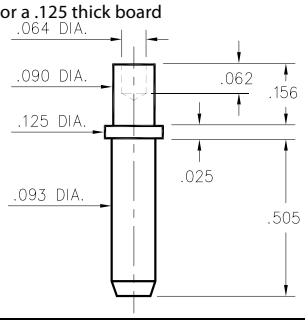
(6/14 -- PR627)

Mill-Max Mfg. Corp. • 190 Pine Hollow Road, Oyster Bay, NY 11771
516-922-6000 • Fax: 516-922-9253 • www.mill-max.com

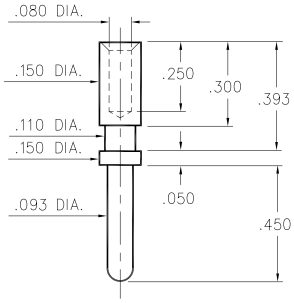
MALE PCB PINS

PRINTED CIRCUIT PINS

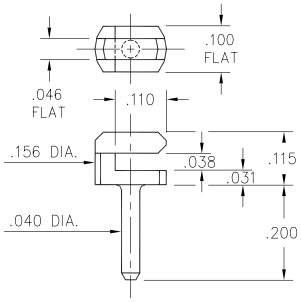
5231
5231-0-00-XX-00-00-38-0
Swage mount in .094 hole
For a .125 thick board



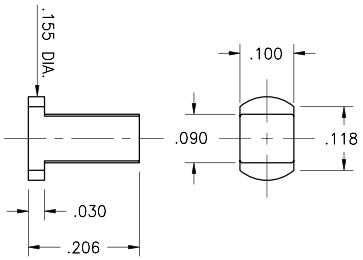
9092
9092-0-00-XX-00-00-38-0
Wire termination up to 14 AWG



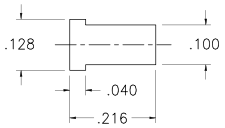
7310
7310-0-01-XX-00-00-08-0
Board edge press-fit



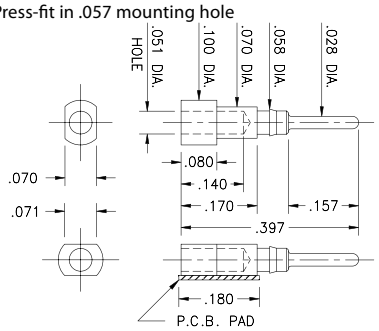
7937
7937-0-00-15-00-00-03-0
Target contact, horizontal surface mount
Also available on 16mm wide carrier tape:
2,400 parts per 13" reel.
Order as: 7937-0-58-15-00-00-03-0



P.C.B. Layout



1502
1502-0-00-XX-00-00-33-0
Press-fit in .057 mounting hole



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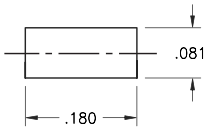
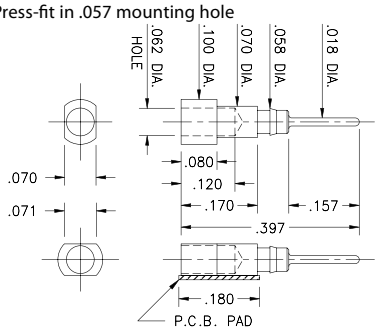
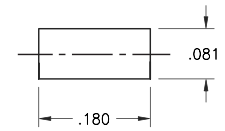


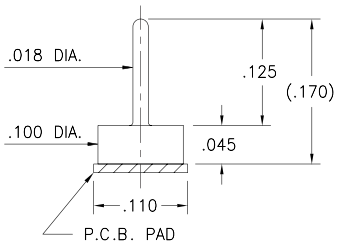
5102
5102-0-00-XX-00-00-33-0
Press-fit in .057 mounting hole



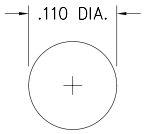
P.C.B. Layout



1508
1508-0-00-15-00-00-03-0
Test point, surface mount
Also available on 16mm wide carrier tape:
1,600 parts per 13" reel.
Order as: 1508-0-57-15-00-00-03-0



P.C.B. Layout



SPECIFICATIONS:

Pin Material: Brass Alloy 360, 1/2 Hard
(Except swage pins which are annealed)

Dimensions: Inches

Tolerances On: Lengths: ± .005
Diameters: ± .002
Angles: ± 2 °

RoHS-2 2011/65/EU

ORDER CODE: XXXX - X - 0X - XX - 00 - 00 - XX - 0

BASIC PART #

SPECIFY PIN FINISH:
- **01** 200 µ" TIN/LEAD OVER NICKEL
- **80** 200 µ" TIN OVER NICKEL (RoHS)
- **15** 10 µ" GOLD OVER NICKEL (RoHS)
- **21** 20 µ" GOLD OVER NICKEL (RoHS)
- **34** 50 µ" GOLD OVER NICKEL (RoHS)

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