

TO ORDER, CALL 909-625-9390

## Board Marker Probe

The BMP-1 Board Marker Probe patented design is for installation on bare board or loaded board test fixtures. When your tester is equipped with the appropriate electronics and software, the BMP-1 scribes a permanent .050" circle on every "passed" PCB tested. Boards that fail the test are not marked. The risk of human error is eliminated in PCB testing and sorting.

The unit requires less than .500" of fixture area. It is designed to mark board areas of bare glass (FR4), solder mask over glass or copper, or bare tinned copper.

The BMP-1 includes a mounting receptacle with press ring, and a motor/transmission assembly. It can be easily removed from the receptacle for use in other fixtures. Spare receptacles and tip replacement assemblies are available. The thread between receptacle and housing is 7/16-20 UNF.

Consult factory for information on electronic and software requirements, and replacement receptacles and tip assemblies.

Probe Specifications	BMP-1	BMP-2
<b>Mechanical</b>		
Full Marker Tip Travel:	.062 (1.57)	.062 (1.57)
Recommended Working Travel:	.050 (1.27)	.050 (1.27)
Direction of Rotation:	CCW	CCW
Scribed Diameter:	.050 (1.27)	.050 (1.27)
<b>Electrical (Operating Conditions)</b>		
Current Rating:	50 mA	50 mA
Voltage Rating:	15VDC	15VDC
Recommended Duty Cycle:	1 sec. On (min.), 5 sec. Off	1 sec. On (min.), 5 sec. Off
<b>Materials and Finishes</b>		
Plunger Tip:	Carbide	Carbide
Receptacle:	Stainless steel	Stainless steel
Mounting Hole Size:	.468/.469 (11.89/11.91)	.468/.469 (11.89/11.91)

## To Order

Specify model number of components or tools you require:

BMP-1, -2: Probe and receptacle, wires and connector attached, mating connector supplied, (-red, + black).

BMR-1, -2: Receptacle only.

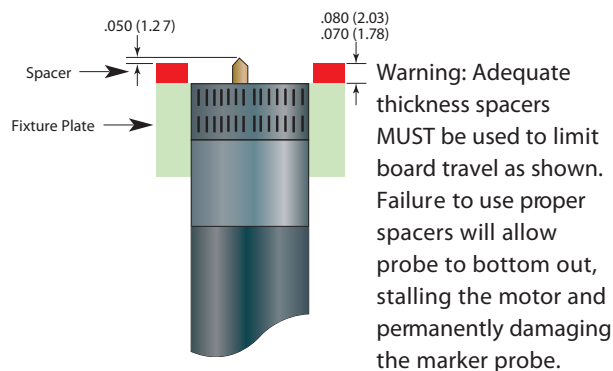
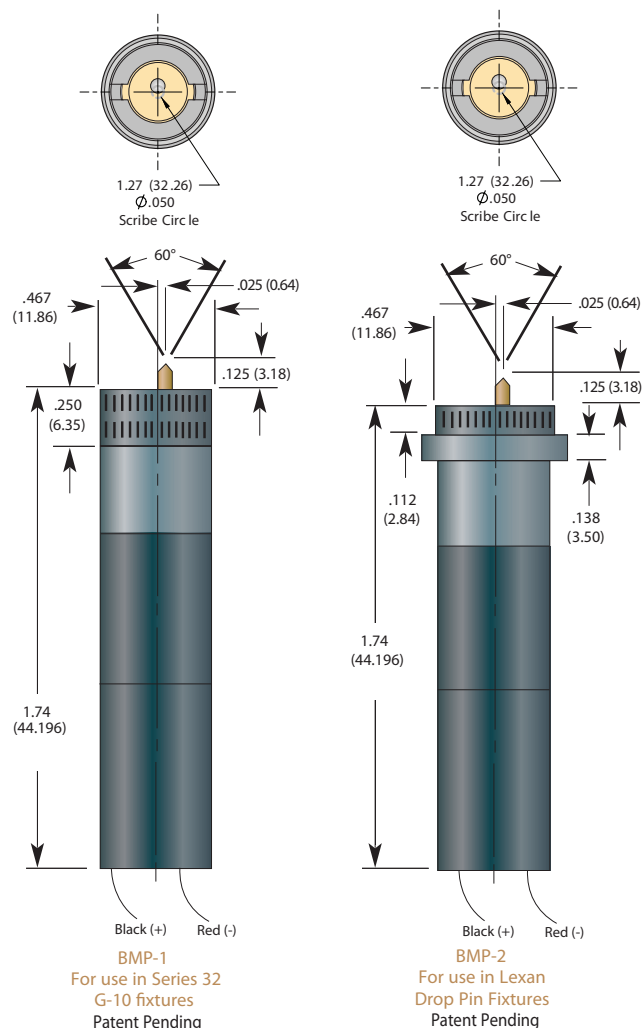
BMT-1: Tip replacement assembly for both BMP-1 and BMP-2.

RIT-BMP: Receptacle insertion tool for BMR-1.

EXT-BMP: Receptacle extraction tool for BMR-1.



BMP-1 marker probe with receptacle.



Loaded PCB Test Probes