

# 8054-ME LED PANEL METER



## FEATURES

- 200mV DC INPUT (SCALABLE 20,200,500)
- 100M  $\Omega$  INPUT IMPEDANCE
- SELECTABLE DECIMAL POINT
- AUTO POLARITY
- AUTO ZERO
- 5VDC POWER
- EASY MOUNTING

## SPECIFICATIONS

<b>MAX INPUT:</b>	199.9 mV	<b>MAX DISPLAY:</b>	1999 COUNTS
<b>INPUT IMPEDANCE:</b>	100M $\Omega$	<b>ACCURACY:</b>	+0.5% (23° +- 5° < 80% RH)
<b>SUPPLY INPUT:</b>	5VDC	<b>SUPPLY CURRENT:</b>	160mADC
	-Power & -Input are Common	<b>CONVERSION RATE:</b>	2-3/SEC.
<b>CONVERSION TYPE:</b>	DUAL SLOPE	<b>CHARACTER HT.:</b>	.56in
<b>DISPLAY:</b>	3-1/2 DIGIT RED LED	<b>METER SIZE:</b>	70MM X 45MM X 23MM
<b>OVERRANGE:</b>	"1" SHOWN ON DISPLAY		
<b>DECIMALSELECT:</b>	3 POS. JUMPER SELECT		

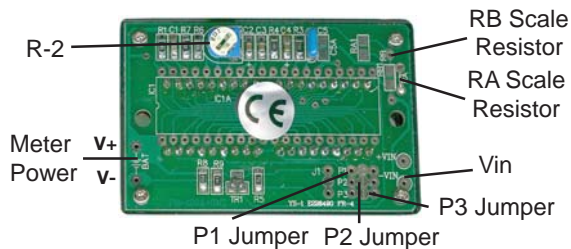
## SETUP & OPERATION

- A:** Install Decimal point jumper as needed
- B:** Remove RB Jumper and install Scaling resistors RA/RB (Not Supplied) as required **SEE CHART**  
Scaling Resistors: 1/2W 0.5% Metal film
- C:** Connect 5VDC Power Supply
- D:** Connect source to be measured

MAX INPUT	VOLTAGE DIVIDER	DECIMAL POINT
200mV	None Leave RA Jumper	P3
20V	Remove RA Jumper Install RA: 9.9M Ohm Install RB: 100K Ohm	P2
200V	Remove RA Jumper Install RA: 9.99M Ohm Install RB: 10KM Ohm	P3
500V	Remove RA Jumper Install RA: 9.999M Ohm Install RB: 1.0K Ohm	None

## CALIBRATION

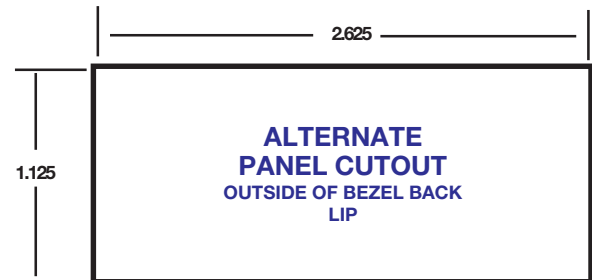
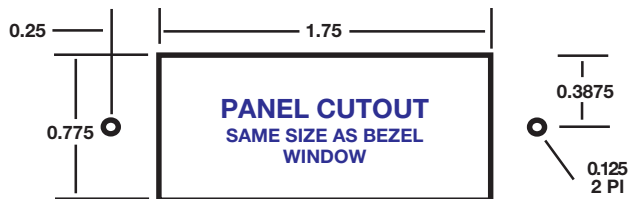
Input a voltage from calibration source equal to 1/2 of the full scale range. Adjust R2 until reading equals that of calibration source.



**1.9.9.9**

P P P  
1 2 3

**DECIMAL POINT LOCATION**



**MARLIN P. JONES & ASSOC., INC.**

P.O. Box 530400 Lake Park, FL 33403  
800-652-6733 FAX 561-844-8764  
WWW.MPJA.COM