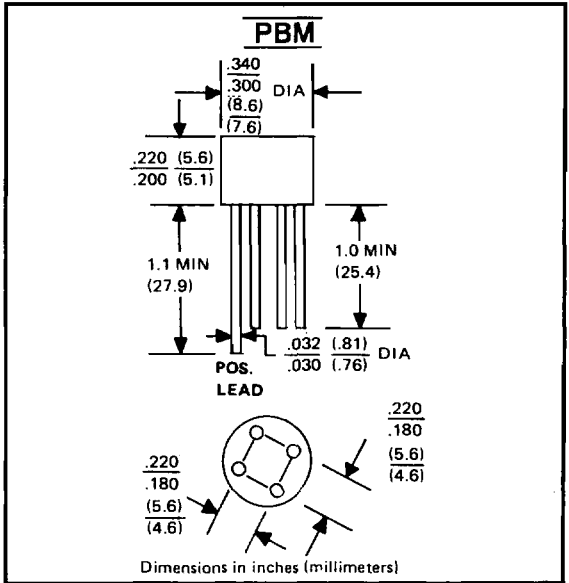


VOLTAGE RANGE
50 to 1000 Volts
CURRENT
1.5 Amperes

- FEATURES**
- Rating to 1000V PRV
 - Surge overload rating to 40 Amperes peak.
 - Ideal for printed circuit board
 - Reliable low cost construction utilizing molded plastic technique results in inexpensive product
 - UL Recognized file # E95060
 - Lead solderable per MIL-STD-202 method 208
 - Leads: silver plated copper, soldered plated
 - Plastic material has UL flammability classification 94V-0
 - Weight: 0.02 ounce (0.45 grams)



MAXIMUM RATINGS AND ELECTRICAL CHARACTERISTICS

Ratings at 25° C ambient temperature unless otherwise specified.
Single phase, half wave, 60Hz, resistive or inductive load,
For capacitive load, derate current by 20%.

		PB 151M	PB152M	PB153M	PB154M	PB155M	PB156M	PB157M	UNITS
Maximum Recurrent Peak Reverse Voltage	V _{RRM}	50	100	200	400	600	800	1000	V
Maximum RMS Bridge Input Voltage	V _{RMS}	35	70	140	280	420	560	700	V
Maximum DC Blocking Voltage	V _{DC}	60	100	200	400	600	800	1000	V
Maximum Average Forward Output Current @ T _A = 25° C	I _(AV)	1.5							A
Peak Forward Surge Current 8.3 ms single half sine-wave superimposed on rated load	I _{FSM}	40							A
Maximum DC Forward Voltage drop per element at 1.0A DC	V _F	1							V
Maximum DC Reverse Current at rated DC Blocking Voltage per element @ T _A = 25° C @ T _A = 100° C	I _R	10 1							µA mA
I ² t Rating for fusing (t < 8.3ms)	I ² t	6.6							A ² S
Operating Temperature Range	T _J	-55 to + 125							°C
Storage Temperature Range	T _{STG}	-55 to + 150							°C

NOTE: Please specify if UL recognition is necessary.

