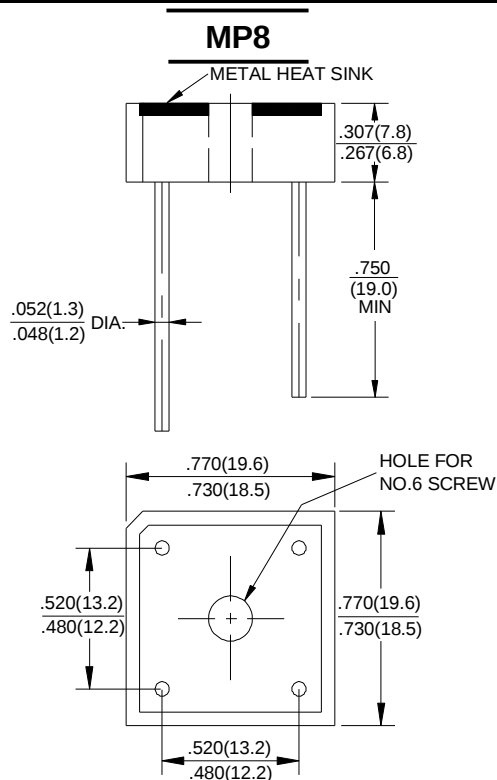




REVERSE VOLTAGE - **50 to 1000Volts**
FORWARD CURRENT - **10.0 Amperes**

- Surge overload rating -200 amperes peak
- Low forward voltage drop
- Small size; simple installation
- Silver plated copper leads
- Mounting position: Any



Polarity shown on side of case. Positive lead by beveled corner.

Dimensions in inches and (millimeters)

Rating at 25°C ambient temperature unless otherwise specified.

Single phase, half wave ,60Hz, resistive or inductive load.

For capacitive load, derate current by 20%

CHARACTERISTICS	SYMBOL	MP 10005G	MP 1001G	MP 1002G	MP 1004G	MP 1006G	MP 1008G	MP 1010G	UNIT
Maximum Recurrent Peak Reverse Voltage	VRRM	50	100	200	400	600	800	1000	V
Maximum RMS Bridge Input Voltage	VRMS	35	70	140	280	420	560	700	V
Maximum DC Blocking Voltage	VDC	50	100	200	400	600	800	1000	V
Maximum Average Forward Rectified Output Current at TA=50℃	I(AV)	10.0							A
Peak Forward Surge Current 8.3ms Single Half Sine-Wave Super Imposed on Rated Load	IFSM	175							A
Maximum Forward Voltage Drop Per Bridge Element at 5.0A Peak	VF	1.1							V
Maximum Reverse Current at Rated TJ=25℃	IR	10.0							μA
DC Blocking Voltage Per Element TJ=100℃		1.0							mA
Operating Temperature Range	TJ	-55 to +150							℃
Storage Temperature Range	TSTG	-55 to +150							℃



FIG.1-DERATING CURVE
OUTPUT RECTIFIED CURRENT

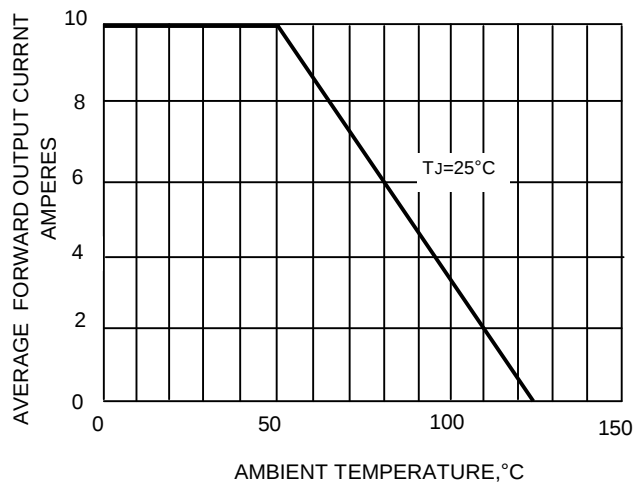


FIG.2-MAXIMUM FORWARD SURGE CURRENT

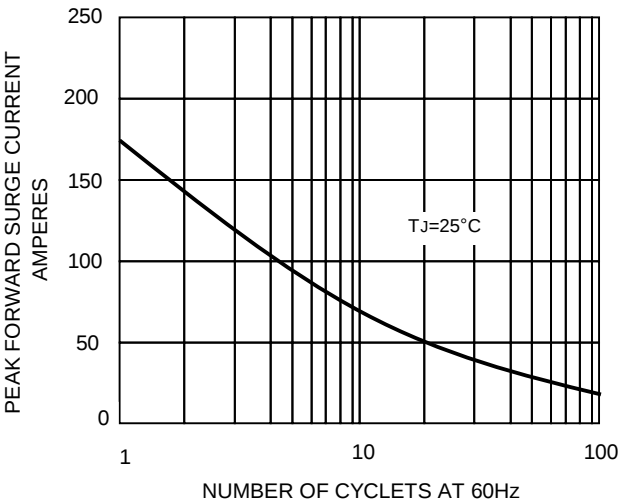


FIG.3-TYPICAL FORWARD
CHARACTERISTICS

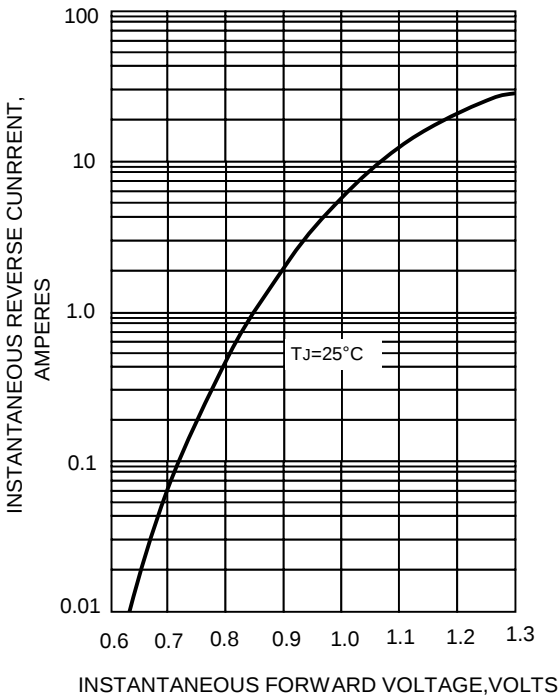


FIG.4-TYPICAL REVERSE
CHARACTERISTICS

