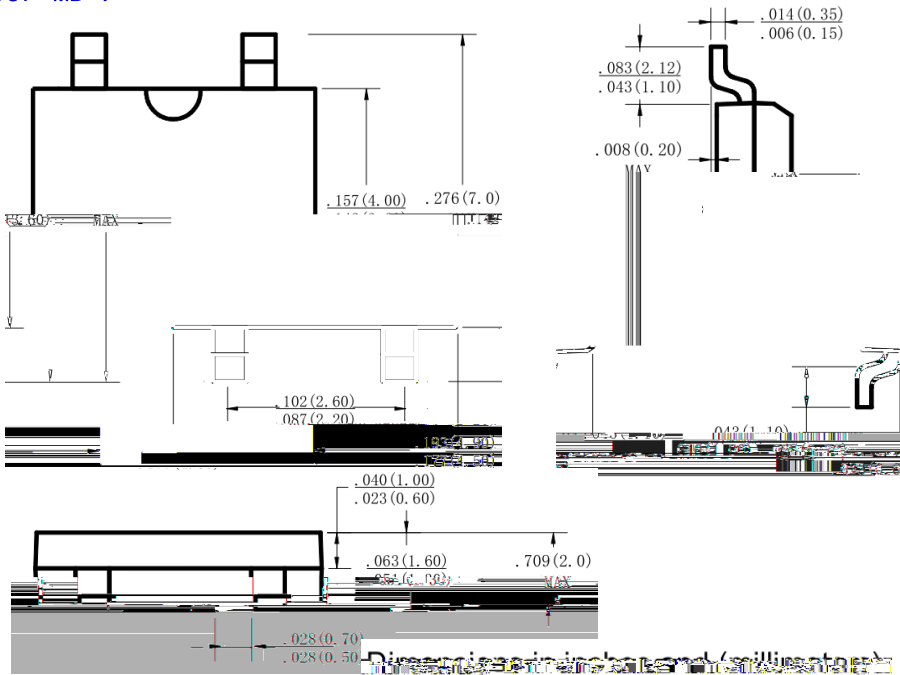

Customer Signature

0.8A Glass Passivated Single-Phase Bridge Rectifier

/ Features	/Outline Dimensions
Glass passivated chip Low Reverse Leakage Current High surge current capability	<p>Case: MB*F</p>  <p>Dimensions are in inches and millimeters.</p>
/ Mechanical Data	
Case: Molded plastic case / Marking / Polarity: Marked on Body 0.075 Weight: About 0.075 grams	

/Maximum Ratings and Thermal Characteristics @ Ta = 25 unless otherwise noted

Symbol	Characteristic	MB*F						Unit
		1	2	4	6	8	10	
VRRM	Maximum Recurrent Peak Reverse Voltage	100	200	400	600	800	1000	V
Io AV	Average Forward Output Rectified Current	60Hz Ta=25 60Hz sine wave R-load, Ta=25					0.8 (note1)	A
							0.5 (note2)	
VF	Forward Voltage Per Leg @IFM =0.4A	Max=0.95						V
IFSM	Peak Forward Surge Current 8.3ms Single Half Sine-wave superimposed on rated load	30						A
IR	Maximum DC reverse current at rated DC blocking voltage per leg	TJ =25 TJ = 125 Max=10 Max=40						uA
i2t	Rating for fusing (t<8.3ms)	3.7						A²S
R JA	Maximum thermal resistance per leg	62 (note1)						/W
R JC		134 (note2)						
		20 (note3)						
Tj	Operating junction Temperature	150						
TSTG	Storage Temperature	-55 ~ +150						

note:

1. On alumina substrate
2. - On glass-epoxy substrate
3. Between junction and lead

/ Characteristics Curves

图1: I_o - T_a 曲线
FIG1: I_o - T_a Curve

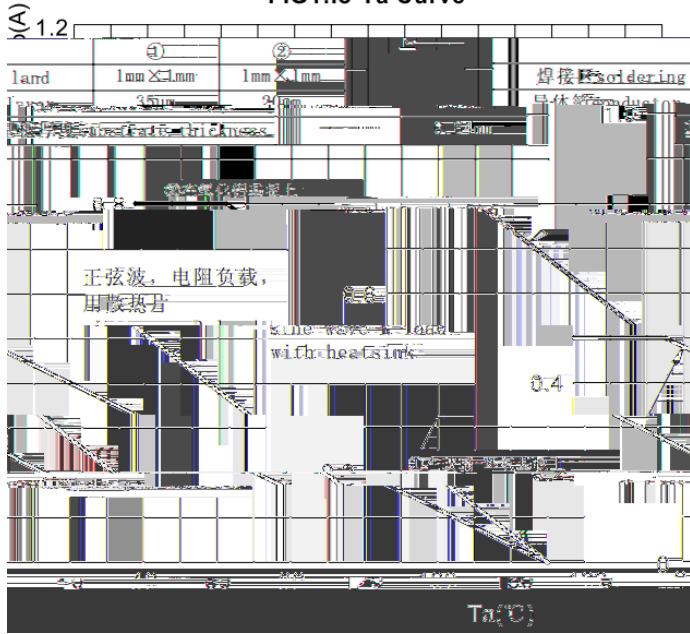


图2: 耐正向浪涌电流曲线
FIG2: Surge Forward Current Capability

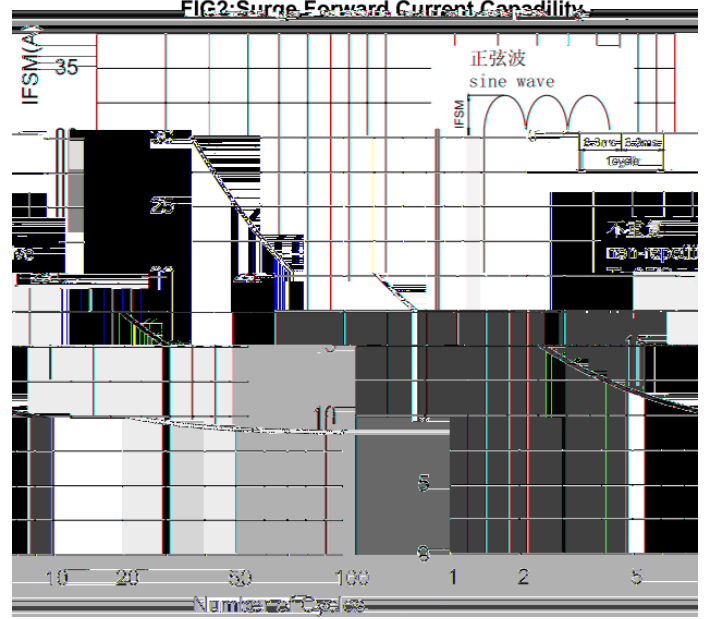


图3: 正向电压曲线
FIG3: Forward Voltage

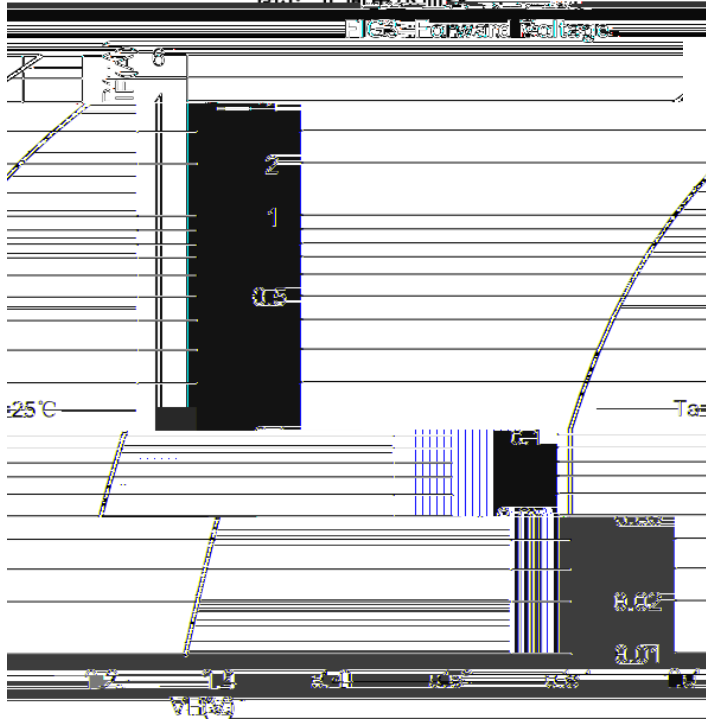


图4: 反向电流曲线
FIG4: Typical Reverse Characteristics

