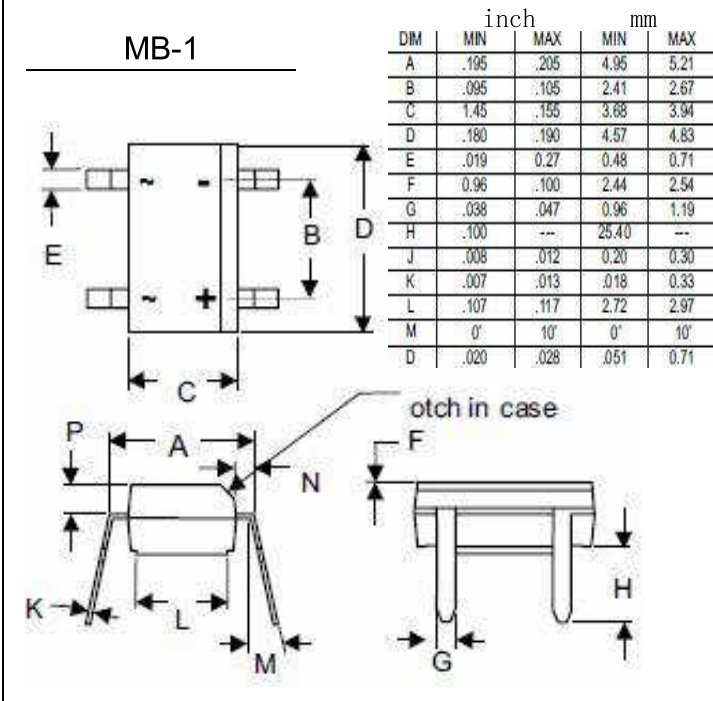


■ 外形尺寸和印记 Outline Dimensions and Mark



■ 特征 Features

- Plastic package has Underwrites Laboratory Flammability Classification 94V-0
- Glass passivated chip junctions
- High surge overload rating: 35A peak
- Saves space on printed circuit boards
- High temperatures soldering guaranteed: 260°C/10 seconds.

■ 用途 Applications

- Case: molded plastic body over passivated junctions
- Terminals: Plated leads solderable per MIN-STD-750, Method 2026
- Mounting position: Any
- Weight: 0.078 oz., 0.22g

■ 极限值 (绝对最大额定值) Limiting Values (Absolute Maximum Rating)

参数名称 Item	符号 Symbol	单位 Unit	条件 Conditions	MB				
				2M	4M	6M	8M	10M
反向重复峰值电压 Repetitive Peak Reverse Voltage	V_{RRM}	V		200	400	600	800	1000
正向平均电流 Average Forward Current	$I_{F(AV)}$	A	正弦半波 60Hz, 电阻负载, $T_a=50^\circ\text{C}$ 60Hz Half-sine wave, Resistance load, $T_a=50^\circ\text{C}$	0.5				
正向 (不重复) 浪涌电流 Surge(Non-repetitive) Forward Current	I_{FSM}	A	正弦半波 60Hz, 一个周期, $T_a=25^\circ\text{C}$ 60Hz Half-sine wave, 1 cycle, $T_a=25^\circ\text{C}$	35				
结温 Junction Temperature	T_J	$^\circ\text{C}$		-55~+125				
储存温度 Storage Temperature	T_{STG}	$^\circ\text{C}$		-55 ~ +150				

■ 电特性 (Ta=25°C 除非另有规定) Electrical Characteristics (Ta=25°C Unless otherwise specified)

参数名称 Item	符号 Symbol	单位 Unit	测试条件 Test Condition		最大值 Max
正向峰值电压 Peak Forward Voltage	V_{FM}	V	$I_{FM}=0.5A$		1.0
反向峰值电流 Peak Reverse Current	I_{RRM1}	μA	$V_{RM}=V_{RRM}$	$T_a=25^\circ\text{C}$	10
	I_{RRM2}			$T_a=125^\circ\text{C}$	100
热阻 (典型) Thermal Resistance(Typical)	$R_{\theta J-A}$	$^\circ\text{C}/W$	结和环境之间 Between junction and ambient		70

■ 特性曲线 (典型)

FIG. 1 -- TYPICAL FORWARD CHARACTERISTIC

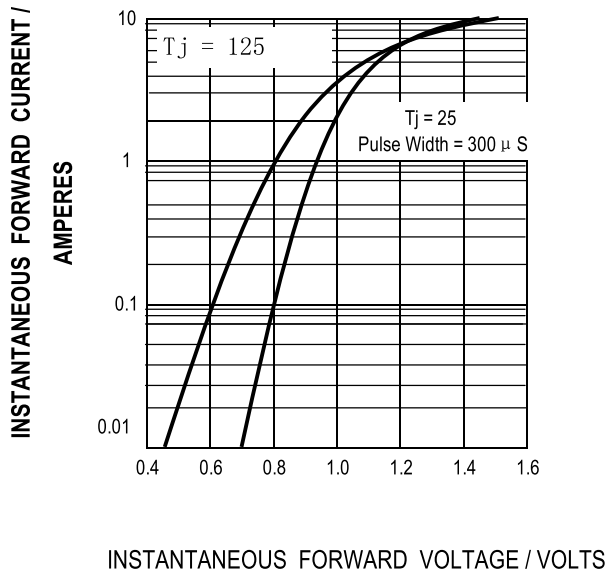


FIG. 2 -- TYPICAL REVERSE LEAKAGE CHARACTERISTICS PER LEG

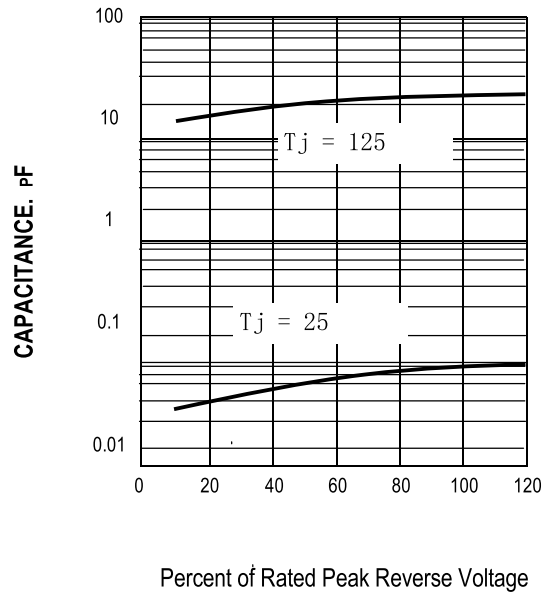


FIG. 3 -- Derating Curve for Output Rectified Current

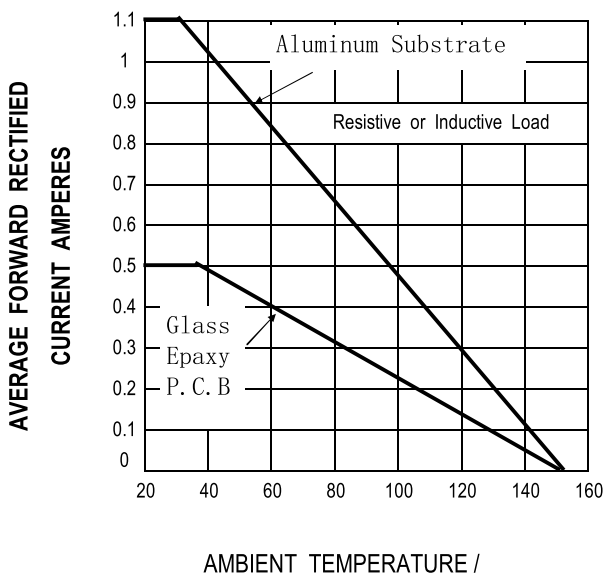


FIG. 4 -- Typical Junction Capacitance Per Leg

