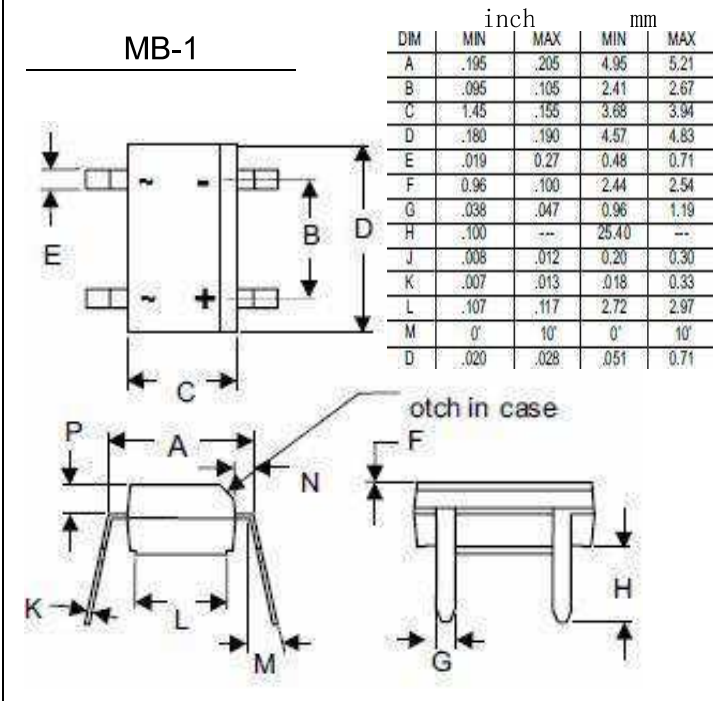


■外形尺寸和印记 Outline Dimensions and Mark



■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	$I_{RRM1}$	$\mu\text{A}$	$V_{RM}=V_{RRM}$	$T_a=25^\circ\text{C}$
	$I_{RRM2}$			$T_a=125^\circ\text{C}$
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

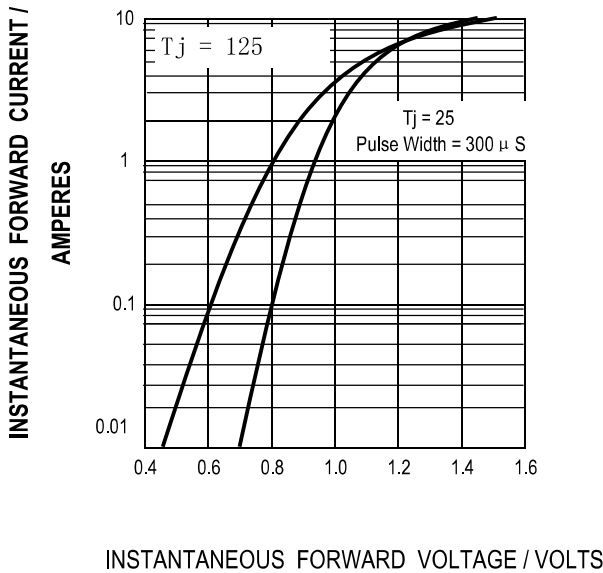


FIG. 2 -- TYPICAL REVERSE LEAKAGE CHARACTERISTICS PER LEG

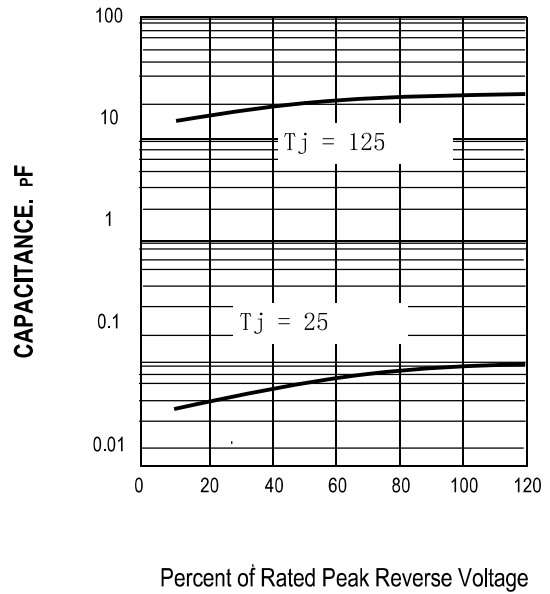


FIG. 3 -- Derating Curve for Output Rectified Current

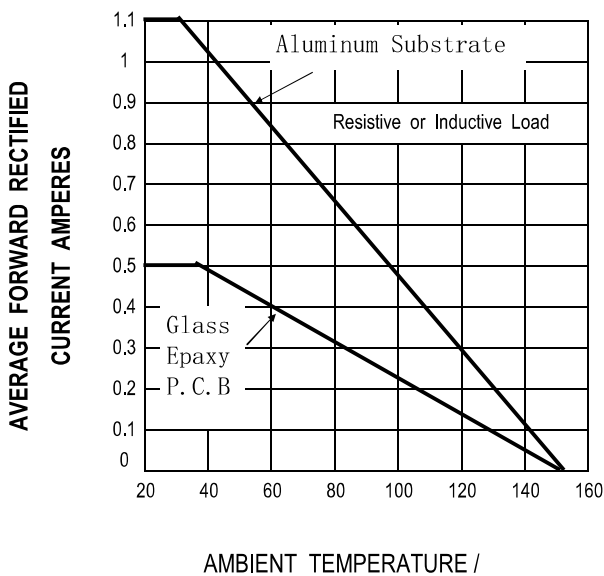


FIG. 4 -- Typical Junction Capacitance Per Leg

