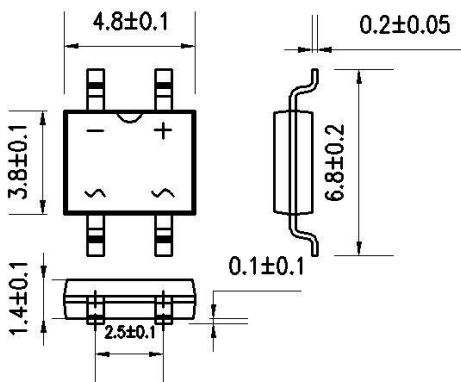


FORWARD CURRENT:1AMPERE		REVERSE VOLTAGE:50to1000 VOLTS							
<p style="text-align: center;"><b>MB10F</b></p>  <p style="text-align: center;">單位: mm</p>		<p><b>Features</b></p> <ul style="list-style-type: none"> <li>● 玻璃鈍化晶片 Glass Passivated Die Construction</li> <li>● 正向浪湧承受能力強 High Forward surge capability</li> <li>● 低正向壓降 Low Forward Voltage Drop</li> <li>● 高溫焊接保證 High temperature soldering aranted:260°C/10 秒</li> <li>● 引線和管體皆符合 RoHS 標準 Lead and body according with RoHS standard</li> </ul> <p><b>Mechanical Data</b></p> <ul style="list-style-type: none"> <li>● 封裝: MBF 封裝 MBF small outline plaskage</li> <li>● 極性: 按極性鐳射印字與腳位 As Marked on Case</li> <li>● 環氧樹脂 UL 易燃等級 Epoxy UL:94V-0</li> <li>● 安裝位置: 任意 Mounting Position:Any</li> </ul>							
極限值和溫度特性 (TA=25°C除非另有規定) Ratings at 25°C ambient temperature unless otherwise specified									
參數 Parameters	符號 Symbol	MB05F	MB1F	MB2F	MB4F	MB6F	MBSF	MB10F	Units
最大可重複峰值反向電壓 Maximum Recurrent Peak Reverse Voltage	$V_{RRM}$	50	100	200	400	600	800	1000	Volts
最大均方根電壓 Maximum RMS Voltage	$V_{RMS}$	35	70	140	280	420	560	700	Volts
最大直流阻斷電壓 Maximum DC Blocking oltage	VDC	50	100	200	400	600	800	1000	Volts
最大正向平均整流電流 Maximum Average Forward Rectified Curren@Ta=40° C	I (AV)	1							Amp
正向不重複浪湧電流 8.3ms 單一正弦半波 Peak Forward Surge Current, 8.3ms single half-sine-wave superimposed on rated load	IFSM	35							Amp
單位時間內承受的最大電流 I <sup>2</sup> t Rating for Fusing (t<8.3ms)	I <sup>2</sup> t	5.0							A <sup>2</sup> s
最大正向電壓 Maximum Forward Voltage at 0.5A DC and 25°C	V <sub>F</sub>	1.0							Volts
最大反向電流@VDC Maximum Reverse Current at T <sub>a</sub> =25°C	I <sub>R</sub>	5.0							uAmp
最大反向電流@VDC Maximum Reverse Current at T <sub>a</sub> =125°C		500							
典型結電容 VR=4.0V, f=1MHZ Typical Junction Capacitance	C <sub>J</sub>	13							PF
典型熱阻 Typical Thermal Resistance	R <sub>θJA</sub>	60							°C/W
工作結溫和存儲溫度 Operating and Storage Temperature Range	T <sub>J</sub> , T <sub>stg</sub>	-55 to +150							°C

特性曲线 Characteristic Curves ( $T_A=25^\circ\text{C}$  unless otherwise noted)

