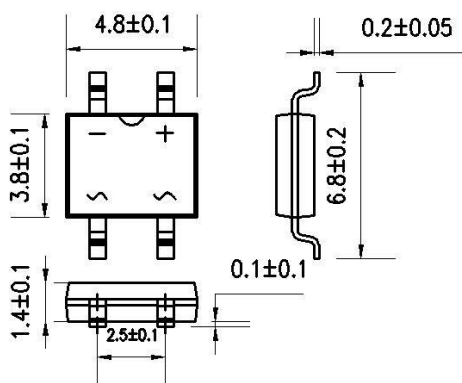


FORWARD CURRENT:1AMPERE		REVERSE VOLTAGE:50to1000 VOLTS							
MB10F  單位: mm		Features ● 玻璃鈍化晶片 Glass Passivated Die Construction ● 正向浪湧承受能力強 High Forward surge capability ● 低正向壓降 Low Forward Voltage Drop ● 高溫焊接保證 High temperature soldering aranteed:260℃/10 秒 ● 引線和管體皆符合 RoHS 標準 Lead and body according with RoHS standard Mechanical Data ● 封裝: MBF 封裝 MBF small outline plaskage ● 極性: 按極性鐳射印字與腳位 As Marked on Case ● 環氧樹脂 UL 易燃等級 Epoxy UL:94V-0 ● 安裝位置: 任意 Mounting Position:Any							
極限值和溫度特性 (TA=25℃除非另有規定) Ratings at 25℃ ambient temperature unless otherwise specified									
參數 Parameters	符號 Symbol	MB05F	MB1F	MB2F	MB4F	MB6F	MB8F	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	V _{DC}	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	I _{FSM}	35							Amp
單位時間內承受的最大電流 I²t Rating for Fusing(t<8.3ms)	I²t	5.0							A²s
最大正向電壓 Maximum Forward Voltage at 0.5A DC and 25℃	V _F	1.0							Volts
最大反向電流@V _{DC} Maximum Reverse Current at T _A =25℃	I _R	5.0							uAmp
最大反向電流@V _{DC} Maximum Reverse Current at T _A =125℃		500							
典型結電容 VR=4.0V, f=1MHZ Typical Junction Capacitance	C _J	13							PF
典型熱阻 Typical Thermal Resistance	R _{θJA}	60							℃/W
工作結溫 and 存儲溫度 Operating and Storage Temperature Range	T _J , T _{stg}	-55 to +150							℃

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

