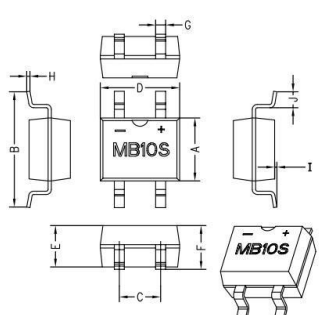


反向電壓：50--1000 伏 REVERSE VOLTAGE: 50 to 1000 VOLTS		正向電流：1 安培 FORWARD CURRENT: 1AMPERE																																								
MBS <table><tr><th>Dim</th><th>Min</th><th>Max</th></tr><tr><td>A</td><td>3.60</td><td>4.00</td></tr><tr><td>B</td><td>6.40</td><td>7.00</td></tr><tr><td>C</td><td>2.20</td><td>2.60</td></tr><tr><td>D</td><td>4.6</td><td>5.0</td></tr><tr><td>E</td><td>2.4</td><td>2.6</td></tr><tr><td>F</td><td>2.30</td><td>2.8</td></tr><tr><td>G</td><td>0.56</td><td>0.84</td></tr><tr><td>H</td><td>0.15</td><td>0.35</td></tr><tr><td>I</td><td>0</td><td>0.20</td></tr><tr><td>J</td><td>0.70</td><td>1.10</td></tr></table> 單位：mm		Dim	Min	Max	A	3.60	4.00	B	6.40	7.00	C	2.20	2.60	D	4.6	5.0	E	2.4	2.6	F	2.30	2.8	G	0.56	0.84	H	0.15	0.35	I	0	0.20	J	0.70	1.10	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							
Dim	Min	Max																																								
A	3.60	4.00																																								
B	6.40	7.00																																								
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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	MB05S	MB1S	MB2S	MB4S	MB6S	MB8S	MB10S	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@VDC Maximum Reverse Current at T _A =25℃	I _R	5.0							uAmp																																	
最大反向電流@VDC 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																																	
工作結溫和存儲溫度 Operating and Storage Temperature Range	T _J , T _{stg}	-55 to +150							℃																																	

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

Fig.1 Derating Curve For Output Rectified Current

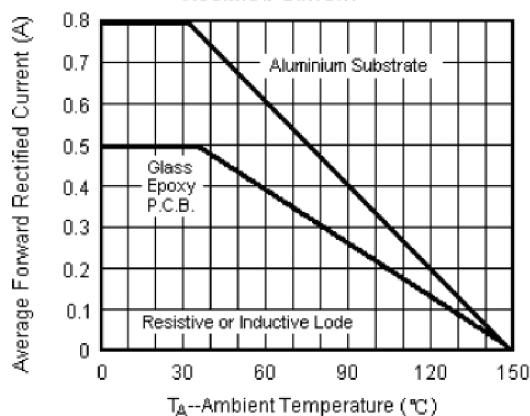


Fig.2 Maximum Non-Repetitive Peak Forward Surge Current Per Leg

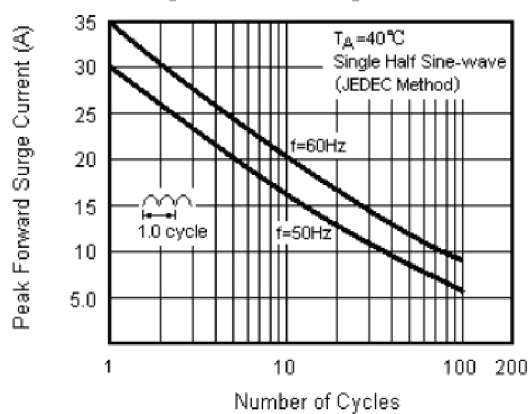


Fig.3 Typical Forward Voltage Characteristics Per Leg

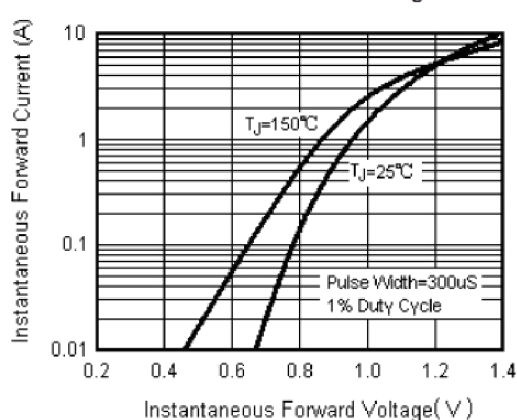


Fig.4 Typical Reverse Leakage Characteristics Per Leg

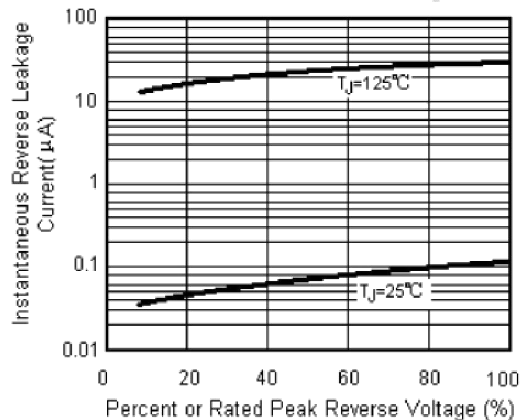


Fig.5 Typical Junction Capacitance Per Leg

