

### MB1S THRU MB10S

### SINGLE PHASE GLASS PASSIVATED BRIDGE RECTIFIERS

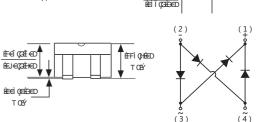
# : YUhi fYg

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- ♦ Ü^|ãæà|^Á|[¸Á&[•óÆs[}•d`&cã[}Á:cãpããã;\*Á;[|å^åÁ;|æ•cã&Ác^&@;ã`^
- ♦ Ù{æ|Áã^ÊÁã[]|^Á\$;•æ|ææã[}
- ◆ Pât @Á\*; \* ^Á&\*; ! ^ } cÁ&æð æða ðjáãc

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# A YWY Ub]WU '8 UHJ

7 UgY KÁRÒÖÒÔÁMBSÁT [|å^åÁj|æ•cã&Áa[å^ HYfa]b Urg KÁU[|å^¦Á;|æc^åÉÁ[|å^¦ææ)^Á;^¦ÁT CŠÉÜVÖËÏÍ€ÊT ^cQ åÁG€GÎÁ Dc`Uf]hmikÁÚ[|æbácê Ár^{à[|ÁÁ;æb|¾,\*Á;}Áa[å^ A cibh]b[`Dcg]h]cb KÁCE;^ KY][\hÁKÆÈE€35Á;\*}&^ÉÆÈÀ Á¦æ;•Á



Öā[^}•ā[}•Á5]ÁS[&@•Áse]åÁQ[ā]ā[^c^|•D

## AUI ]a i a 'FUh]b[g'5bX'9'YWf]WU'7\UfUWhYf]gh]Wg'

Üædā, \* • ÁædÁGÍ ° ÔÁæ( àðA) oÁæ( } ] ^ ¦æeč ¦ ^ Á; } | • • Á; o@ ¦ , ã; ^ Á; ] ^ 8āðI å ÉÁÁ

Ùā, \* |^Á, @æ• ^ Á@æþ-Ë, æç^Â, €P: Ê^•ã cãç^Á; /Áş å \* &cãç^Áj æå.Ê; /Á&æt æ&ããç^Áj æå.Á&\*; |^} chá, /æe^Áà ^Á⊙€Ã È

Parameter		A88	A88	A88	A88	A88	A88	
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Tæ¢ã[ ˇ{Á^]^ōãããç^Áj^æàÁ^ç^¦•^Áş[ œ≛^	Xffa	F€€	G€€	I€€		쀀	F€€€	ÁÁÁK
Tæ¢ã( ˇ{ ÁÜTÙÁş[  œ¢ ^	Xfag	Ï€	FI€	GÌ€	IŒ	Í΀	Ï€€	ÁÁÁK
Tæ¢ã( `{ÁÖÔÁà [&\ā]*Áş[ œ&^	X87	F€€	G€€	I€€		Ì€€	F€€€	ÁÁÁK
Tæ¢ā[ ˇ{ Áæç^\¦æt^Á[;] ætåÁ^&cãað\åÁ&`;¦^}c ænÁ/7M115 <sup>°C</sup>	Qn5 JŁ	1.0						ÁÁÁÓE
Ú^æàÁ[; æåáÁ*;*^Á&*;!^}ŒÊ ÌĒH(•Áā]* ^Á@æţÁā]^Ē; æç^Á*]^¦ā[][•^åÁ;}Áææ^åÁ  [æåÁŖÒÖÖÔÁT^c@;åD	Qga	35					ÁÁÓE	
Rating for Fusing(t<8.3ms)	l²t	5.08						A²s
Tæ¢ã[ˇ{Á\$,•œa}œa}^[ˇ•Á{¦¸æåÁş[ œd*^Áå¦[]Á,^¦Án*Á æáÁ.0CE	X:	FÈ						ÁÁÁK
$T$ ægá $\tilde{a}$ $\tilde{a}$ $\tilde{b}$	Q	í È∈ 40						° Œ
V^] a8a4Áió} &a[} Ása] as6aaa) &^Áj^\Án* Op[ c^1D	ÔR	13					]Ø	
V^] a&adpÁs@:{ adpÁ^•ã ca} &^Á,^¦Áp* (Note2)	ÜÅrce ÜÁrc	85 25					°C£Y	
U]^¦æ@j*Áe^{]^¦æe`¦^Áæ)*^	V>	ĽÍÁgÁÉFÍ€						$^{\circ}$
• ([   æt ^ Ág^{ ] ^   æg   ^ Álæg) * ^	V <sub>GH</sub> ;	ĔÍÁĮÁÉFÍ€					$^{\circ}$ C	

Note: 1. Measured at 1MHz and applied reverse voltage of 4 V D.C.

2. Mounted on glass epoxy PC board with 4×1.5"×1.5" (3.81×3.81 cm) copper pad.

http/HBD) ; Èt; a&i[å4jå^Èx]{ Ü^ç/k2024A2 Úæ\*^ÁkF



### **MB1S THRU MB10S**

### **Ratings And Characteristic Curves**

Fig.1 Average Rectified Output Current Derating Curve

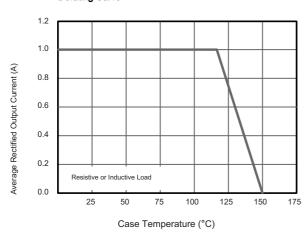


Fig.2 Typical Reverse Characteristics

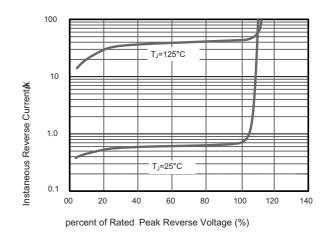


Fig.3 Typical Instaneous Forward

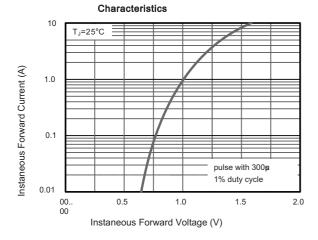


Fig.4 Typical Junction Capacitance

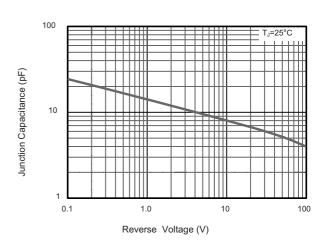
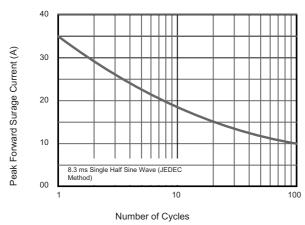


Fig.5 Maximum Non-Repetitive Peak Forward Surage Current



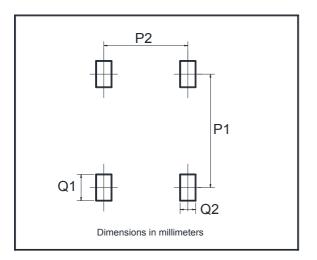
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### **Suggested Pad Layout**



Dim	Min			
P1	6.00			
P2	2.40			
Q1	1.84			
Q2	1.20			

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