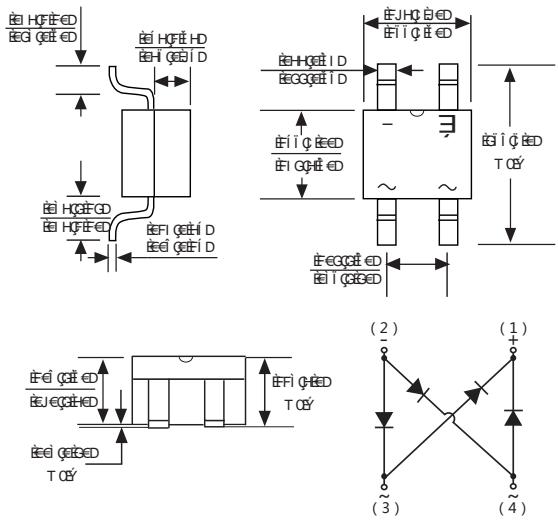


# SINGLE PHASE GLASS PASSIVATED BRIDGE RECTIFIERS

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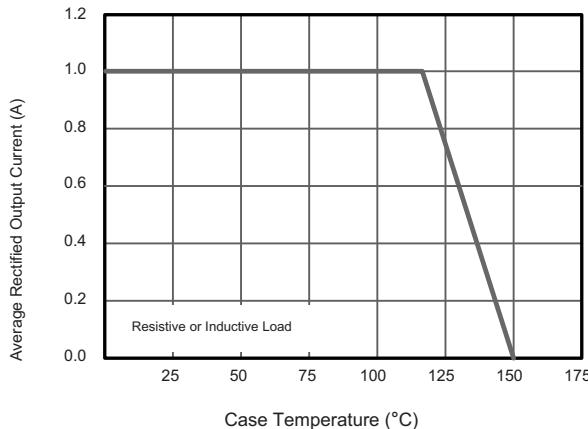
Parameter	SYMBOLS	A88 A6%G	A88 A6&G	A88 A6(G)	A88 A6*G	A88 A6,G	A88 A6%\$G	I B+IG
Marking Code								
T $\Delta t$ { A } ^ $\Delta V$ ^ A ^ $\Delta I$ ^ $\Delta P$ [ ] ^	XFFA	FEE	GEE	I EE	IEE	IEE	FEFEE	MMK
T $\Delta t$ { A U T U A [ ] ^ }	XFAG	I E	FI E	GI E	IGE	II E	I E	MMK
T $\Delta t$ { A O O A [ ] & I * A [ ] ^ }	X87	FEE	GEE	I EE	IEE	IEE	FEFEE	MMK
T $\Delta t$ { A $\Delta I$ ^ A ^ A [ ] , A $\Delta V$ & A $\Delta P$ [ ] } C at $V_M = 15^\circ C$	Q5JL				1.0			MMCE
U $\Delta A$ [ ] , A $\Delta V$ ^ A ^ A [ ] D I $\Delta I$ [ ] A $\Delta A$ ^ A ^ A [ ] ^ A [ ] [ ] A $\Delta A$ ^ A $\Delta A$ at $V_M = 15^\circ C$	QGA				35			MMCE
Rating for Fusing( $t < 8.3\text{ms}$ )	$I^2t$				5.08			A <sup>2</sup> s
T $\Delta t$ { A $\Delta I$ ^ A ^ A [ ] A ^ A ^ A [ ] A ^ A ^ A [ ] } A $\Delta I$ ^ A ^ A [ ] at $V_M = 15^\circ C$	X:				FEF			MMK
T $\Delta t$ { A O O A ^ A ^ A [ ] A ^ A ^ A [ ] } V5 MG $^\circ C$ at $V_M = 15^\circ C$	Q				I E			MMCE
V $\Delta t$ { A ^ A ^ A [ ] A ^ A ^ A [ ] } V5 MG $^\circ C$					40			
V $\Delta t$ { A ^ A ^ A [ ] A ^ A ^ A [ ] } V5 MG $^\circ C$	OR				13			1 Ø
V $\Delta t$ { A ^ A ^ A [ ] A ^ A ^ A [ ] } (Note2)	ÜRCE				85			°C EY
V $\Delta t$ { A ^ A ^ A [ ] A ^ A ^ A [ ] }	ÜRC				25			
U $\Delta t$ { A ^ A ^ A [ ] A ^ A ^ A [ ] }	V>				EIA EFi E			°C
• A ^ A ^ A [ ] A ^ A ^ A [ ]	VGH				EIA EFi E			°C

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

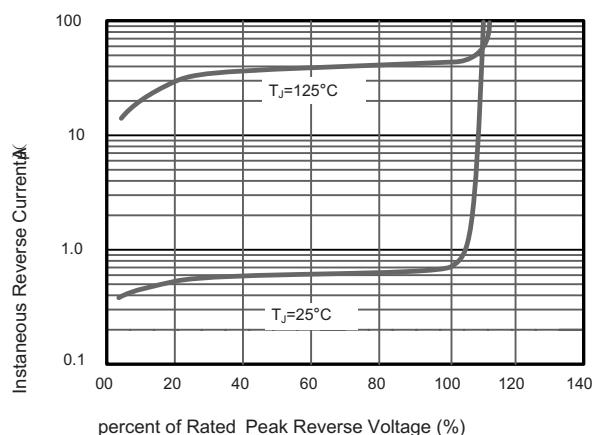
2. Mounted on glass epoxy PC board with  $4 \times 1.5'' \times 1.5''$  (  $3.81 \times 3.81$  cm ) copper pad.

## Ratings And Characteristic Curves

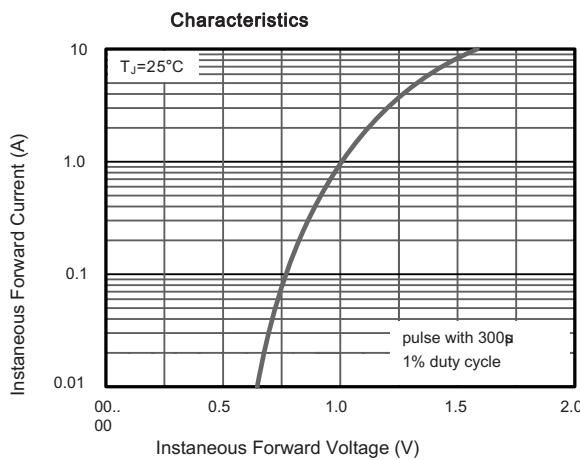
**Fig.1 Average Rectified Output Current Derating Curve**



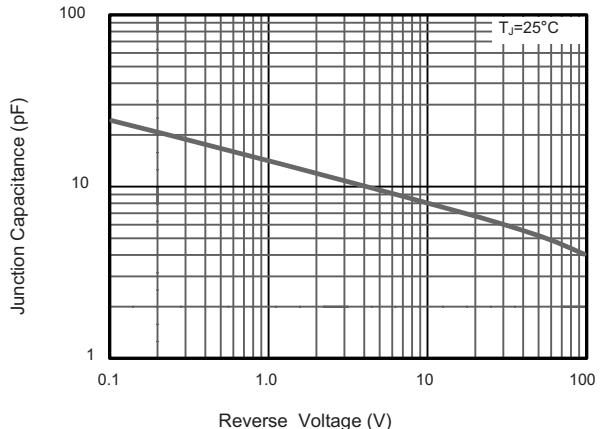
**Fig.2 Typical Reverse Characteristics**



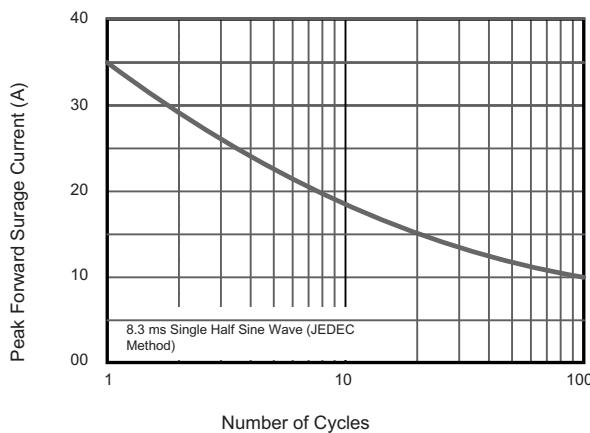
**Fig.3 Typical Instantaneous Forward Characteristics**

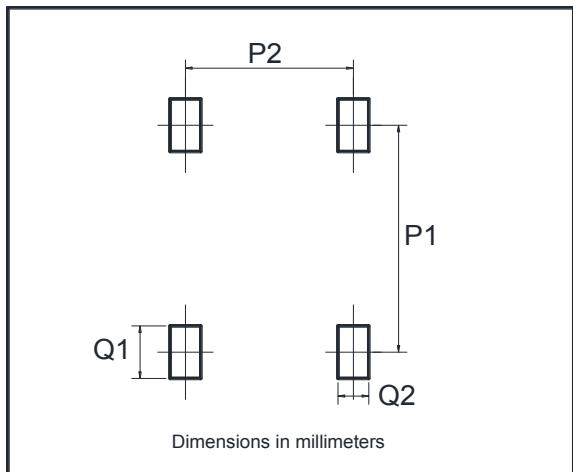


**Fig.4 Typical Junction Capacitance**



**Fig.5 Maximum Non-Repetitive Peak Forward Surge Current**



**Suggested Pad Layout**

Dim	Min
P1	6.00
P2	2.40
Q1	1.84
Q2	1.20