

**Maximum Ratings** (T<sub>a</sub>=25 Unless otherwise specified

PARAMETER	SN Tc 1 125	aP IO	e s A	2	25.0
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	Without heatsink T <sub>a</sub> =25			4.0	
Forward Surge Current (Non-repetitive) @60Hz Half-sine wave, 1 cycle, T <sub>j</sub> =25	IFSM	A		450	
Forward Surge Current (Non-repetitive) @1ms, square wave, 1 cycle, T <sub>j</sub> =25				900	
Current squared time @1ms t 8.3ms T <sub>j</sub> =25 , Rating of per diode	I <sup>2</sup> t	A <sup>2</sup> S		840	
Storage temperature	T <sub>stg</sub>			-55 ~ +150	
Junction temperature					
Dielectric strength @ terminals to case, AC 1 minute	V <sub>dis</sub>	KV		2.5	
Mounting torque @recommend torque 5kg cm	T <sub>or</sub>	kg cm		8.0	



**Electrical Characteristics**  $T_a=25$



FIG3: Typical Forward Voltage

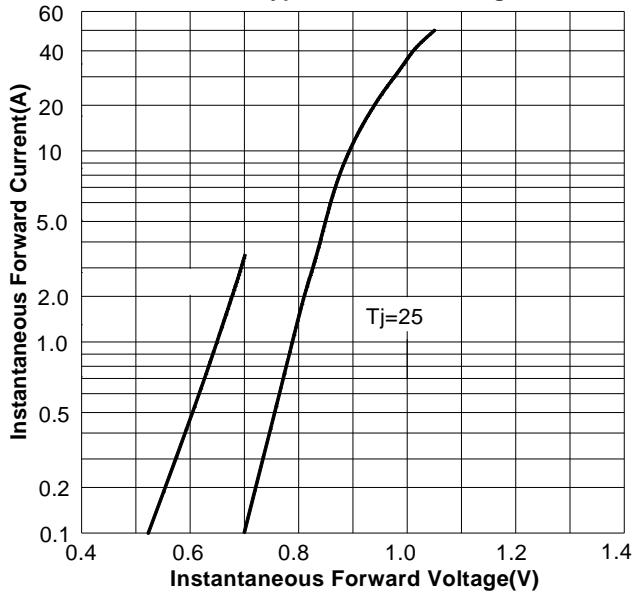
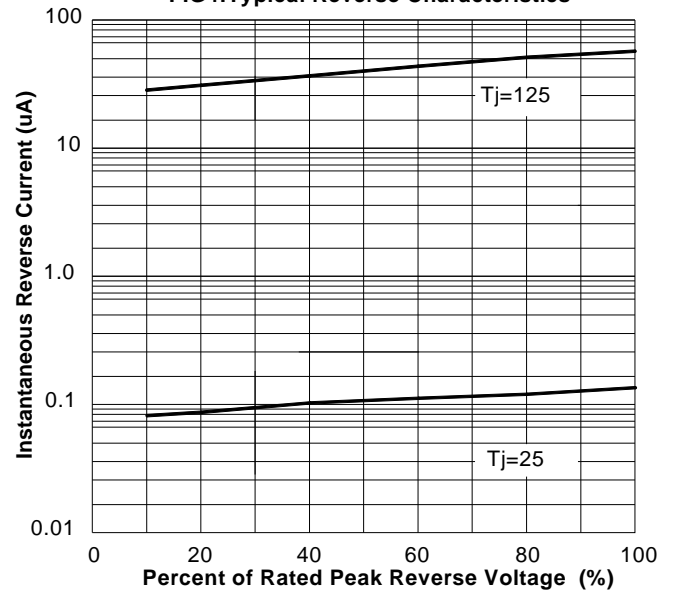


FIG4: Typical Reverse Characteristics



Outline Dimensions

GBU		
Dim	Min	Max
A	21.80	22.30
B	18.30	18.80
C	17.50	18.00
D	3.30	3.90
E	7.10	7.50
F	5.50	5.90
G	1.91	2.54
H	2.06	2.54
I	1.02	1.27
J	4.83	5.33
K	3.30	3.56
L	2.40	2.66
M	0.46	0.56



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