



Maximum Ratings (Ta=25 °C Unless otherwise specified)

PARAMETER	SYMBOL	UNIT	GBU15005A	GBU1501A					
Maximum Repetitive Peak Reverse Voltage	VRRM	V	50	100	200	400	600	800	1000
Maximum RMS Voltage	VRMS	V	35	+0	140	280	420	560	+00
Maximum DC blocking Voltage	VDC	V	50	100	200	400	600	800	1000
Average rectified output current 4 60Hz sine wave \bar{I}_O R-load	With heatsink Tc 1100	IO	A	15.0					
	Without heatsink Ta =25			3.2					
Forward Surge Current (Non-repetitive) @60Hz Half-sine wave, 1 cycle, Tj=25	IFSM	A	250						
Forward Surge Current (Non-repetitive) @1ms, square wave, 1 cycle, Tj=25			500						
Current squared time @1ms t 8.3ms Tj=25 , Rating of per diode	I ² t	A ² S	260						
Storage temperature	Tstg		-55 ~ +150						
Junction temperature	Tj		-55 ~ +150						
Dielectric strength @ Terminals to case, AC 1 minute	Vdis	KV	2.5						
Mounting torque @Recommend torque 5kg cm	Tor	kg cm	8						



Electrical Characteristics T_a



Outline Dimensions

GBU		
Dim	Min	Max
A	21.80	22.30
B	18.30	18.80
C		



GBU15005A THRU GBU1510A

Disclaimer

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The product listed herein is designed to be used with ordinary electronic equipment or devices, and not designed to to- t e