



■Maximum Ratings (Ta=25 Unless otherwise specified

PARAMETER



GBJ10005 THRU GBJ1010

■Electrical Characteristics $T_a=25$ Unless otherwise specified

PARAMETER	SYMBOL	UNIT	TEST CONDITIONS	GBJ10005	GBJ1001	GBJ1002	GBJ1004	GBJ1006	GBJ1008	GBJ1010
Maximum instantaneous forward voltage drop per diode	V_F	V	$I_{FM}=5.0A$	1.0						
Maximum DC reverse current at rated DC blocking voltage per diode	I_R	μA	$T_j=25 -$	5						
			$T_j=125 -$	100						
Typical junction capacitance	C_j	pF	Measured at 1MHz and Applied Reverse Voltage of 4.0 V.D.C	53						

■Thermal Characteristics $T_a=25$ Unless otherwise specified

PARAMETER		SYMBOL	UNIT	GBJ10005	GBJ1001	GBJ1002	GBJ1004	GBJ1006		GBJ1010
Thermal Resistance	Between junction and ambient, Without heatsink	$R_{\theta J-A}$	- /W	18						
	Between junction and case, With heatsink	$R_{\theta J-C}$		2						

Note: Device mounted on 75mm x 45mm x 5.5mm Aluminum Plate Heat



■ Outline Dimensions

6KBJ		
Dim	Min	Max
A	29.7	30.3
B	19.7	20.3
C	17.0	18.0
D	4.8	5.8
E	3.8	4.2
F	7.3	7.7
G	9.8	10.2
H	0.9	1.1
I	2.0	2.4
J	2.3	2.7
K	3.4	3.8
L	4.4	4.8
M	10.8	11.2
N	3.1	3.7
O	3.1	3.4
P	0.6	0.8

Dimensions in millimeters= 〃 im



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