

GBJ10005A THRU GBJ1010A

■Maximum Ratings (Ta=25 Unless otherwise specified

PARAMETER	SYMBOL	UNIT	GBJ10005A	GBJ1001A	GBJ1002A	GBJ1004A	GBJ1006A	GBJ1008A	GBJ1010A
Device marking code			GBJ10005A	GBJ1001A	GBJ1002A	GBJ1004A	GBJ1006A	GBJ1008A	GBJ1010A



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■Electrical Characteristics $T_a=25$ Unless otherwise specified

PARAMETER	SYMBOL	UNIT	TEST CONDITIONS	GBJ10005A	GBJ1001A	GBJ1002A	GBJ1004A	GBJ1006A	GBJ1008A	GBJ1010A
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	70						

■Thermal Characteristics $T_a=25$ Unless otherwise specified

PARAMETER		SYMBOL	UNIT	GBJ10005A	GBJ1001A	GBJ1002A	GBJ1004A	GBJ1006A	GBJ1008A	GBJ1010A
Thermal Resistance	Between junction and ambient, Without heatsink	$R_{\theta J-A}$	/W	18						
	Between junction and case, With heatsink	$R_{\theta J-C}$		1.5						

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

■Ordering Information (Example)

REFERRED P/N	PACKING CODE	UNIT WEIGHT(g)	MINIMUM PACKAGE(pcs)	INNER BOX QUANTITY(pcs)	OUTER CARTON QUANTITY(pcs)	DELIVERY MODE
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