

GBJ10005A THRU GBJ1010A

Maximum Ratings (T_a=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 _{J-A}	/W				18			
	Between junction and case, With heatsink	R _{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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