

GDZ8.2

Constant voltage control

- 1) 2-pin ultra mini-mold type for high-density mounting(GMD2)
- 2) High reliability.
- 3) Can be mounted automatically,using chip mounter..

Silicon epitaxial planar

0.6 ± 0.05
 0.3 ± 0.05
 0.3 ± 0.03
 0 ~ 0.03
 0.19 ± 0.03
 0.27 ± 0.03
 0.38 ± 0.03
 0.57 ± 0.05

ROHM : GMD2
 JEDEC : -
 JETTA : -
 dot(year week factory)

Technical drawing of a GMD2 component. The drawing shows two rectangular blocks. The top block has a width of 0.31 and a height of 0.23. The bottom block is positioned below the top one. A dimension line indicates a distance of 0.38 between the top and bottom blocks.

[illegible]

Parameter	Symbol	Limits	Unit
Power dissipation	P	100	mW
Junction temperature	T _j	125	°C
Storage temperature	T _{stg}	-55 to +125	°C
Operating temperature	T _{opr}	-55 to +125	°C

Diodes

●Electrical characteristics (Ta=25°C)

TYP.	Symbol				
	Zener voltage: Vz(V)			Reverse current: IR(μA)	
	MIN.	MAX.	Iz(mA)	MAX.	VR(V)
GDZ 3.9	3.740	4.160	5.0	5.0	1.0
GDZ 4.7	4.420	4.900	5.0	2.0	1.0
GDZ 5.1	4.840	5.370	5.0	2.0	1.5
GDZ 5.6	5.310	5.920	5.0	1.0	2.5
GDZ 6.2	5.860	6.530	5.0	1.0	3.0
GDZ 6.8	6.470	7.140	5.0	0.5	3.5
GDZ 7.5	7.060	7.840	5.0	0.5	4.0
GDZ 8.2	7.760	8.640	5.0	0.5	5.0

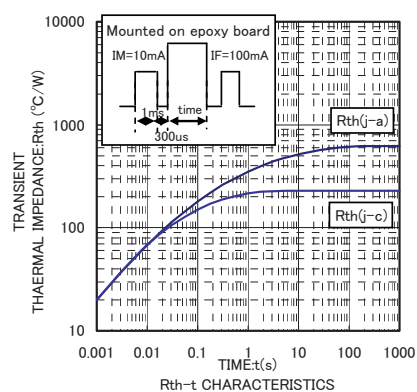
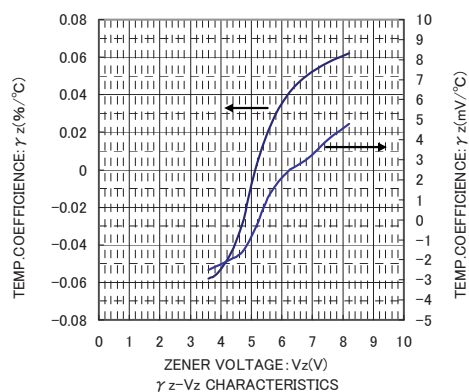
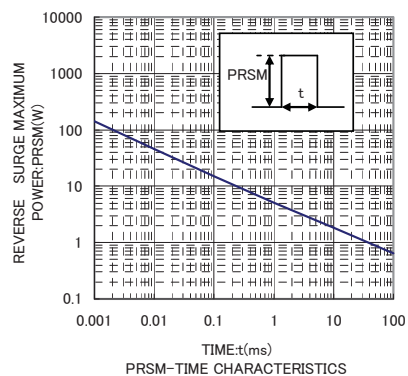
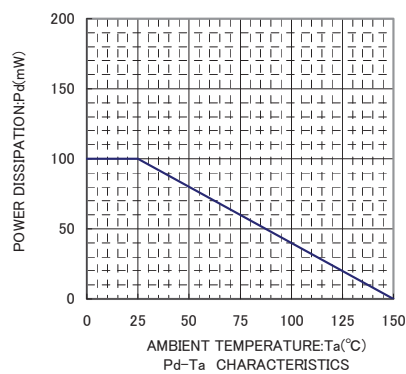
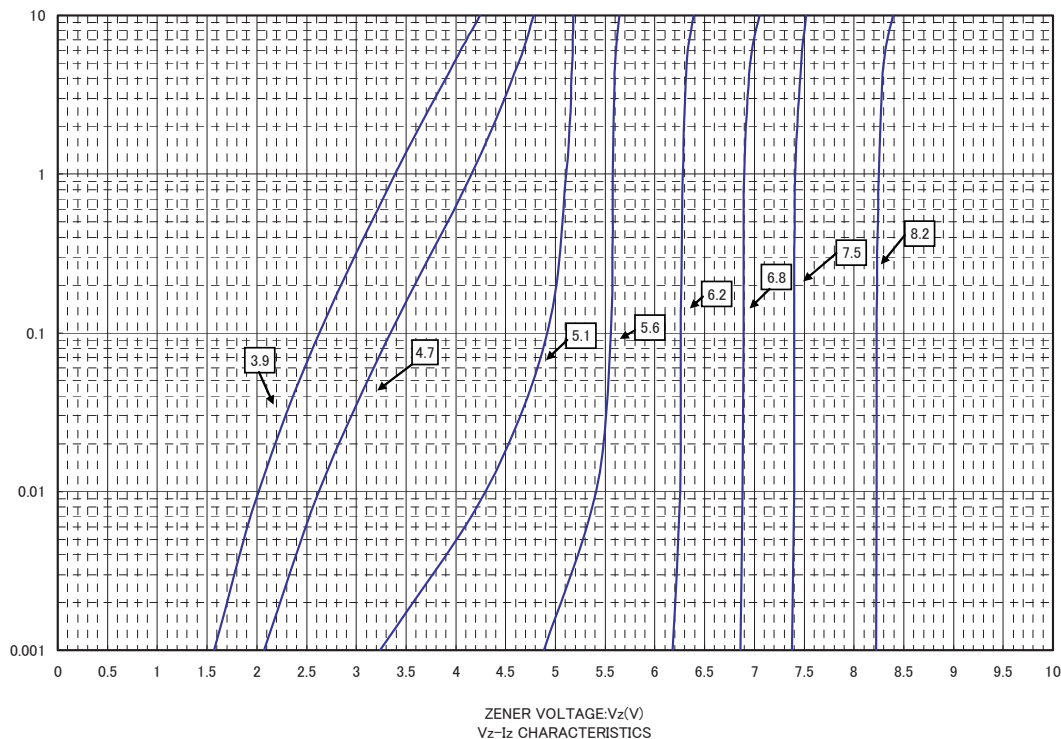
(1)The zener voltage(Vz) is measured 40ms after power is supplied.

●MARKING (Type No.)

TYPE	TYPE NO.
GDZ 3.9	LA
GDZ 4.7	AA
GDZ 5.1	DA
GDZ 5.6	EA
GDZ 6.2	FA
GDZ 6.8	HA
GDZ 7.5	JA
GDZ 8.2	KA

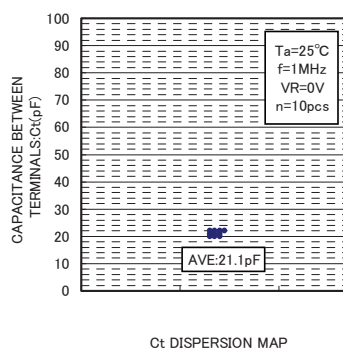
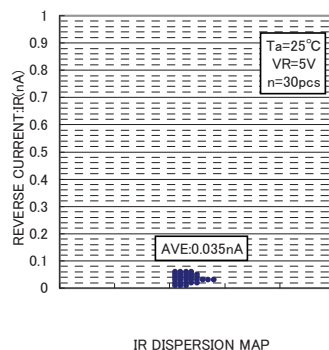
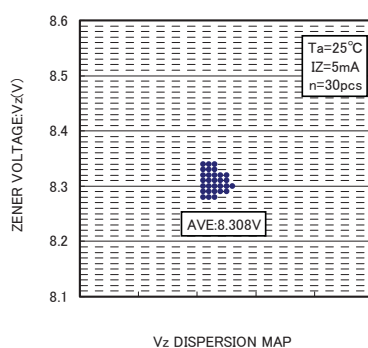
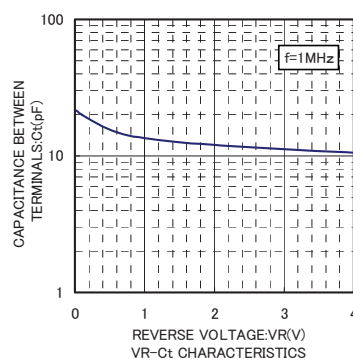
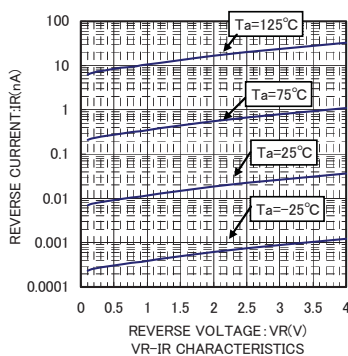
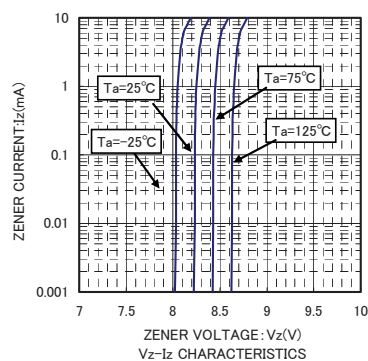
Diodes

●Electrical characteristic curves



Diodes

●Electrical characteristic curves (Ta=25°C)



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