

GDZ3.9

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

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.

Technical drawing of a mechanical part, showing top and side views with dimensions.

Top View Dimensions:

- Overall width: 8 ± 0.1
- Overall height: 1.75 ± 0.1
- Distance from left edge to first hole center: 0.66 ± 0.05
- Distance between hole centers: 2 ± 0.05
- Distance from last hole center to right edge: 0.36 ± 0.05
- Distance from left edge to first hole center (alternative dimension): 1.5 ± 0.1
- Distance from last hole center to right edge (alternative dimension): 0.2 ± 0.05
- Distance from left edge to first hole center (alternative dimension): 4 ± 0.05
- Distance between hole centers (alternative dimension): 2 ± 0.05
- Distance from last hole center to right edge (alternative dimension): 2 ± 0.05

Side View Dimensions:

- Overall height: 0.37 ± 0.03
- Distance from top edge to first hole center: 0.2 ± 0.05

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

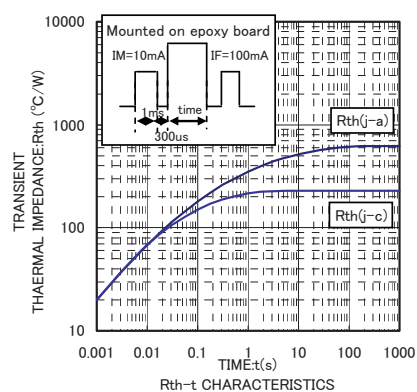
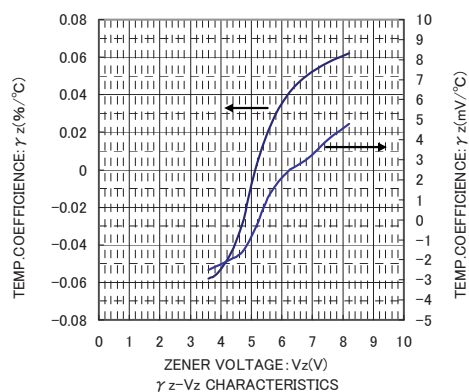
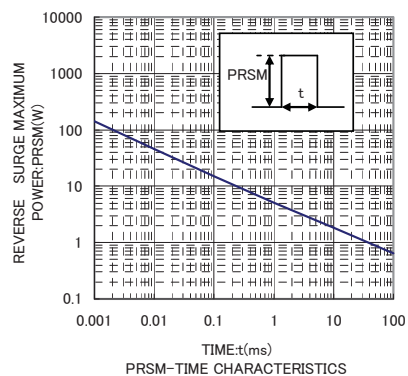
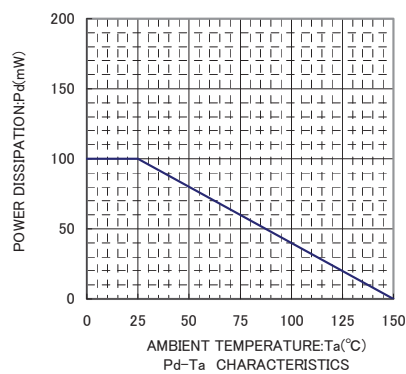
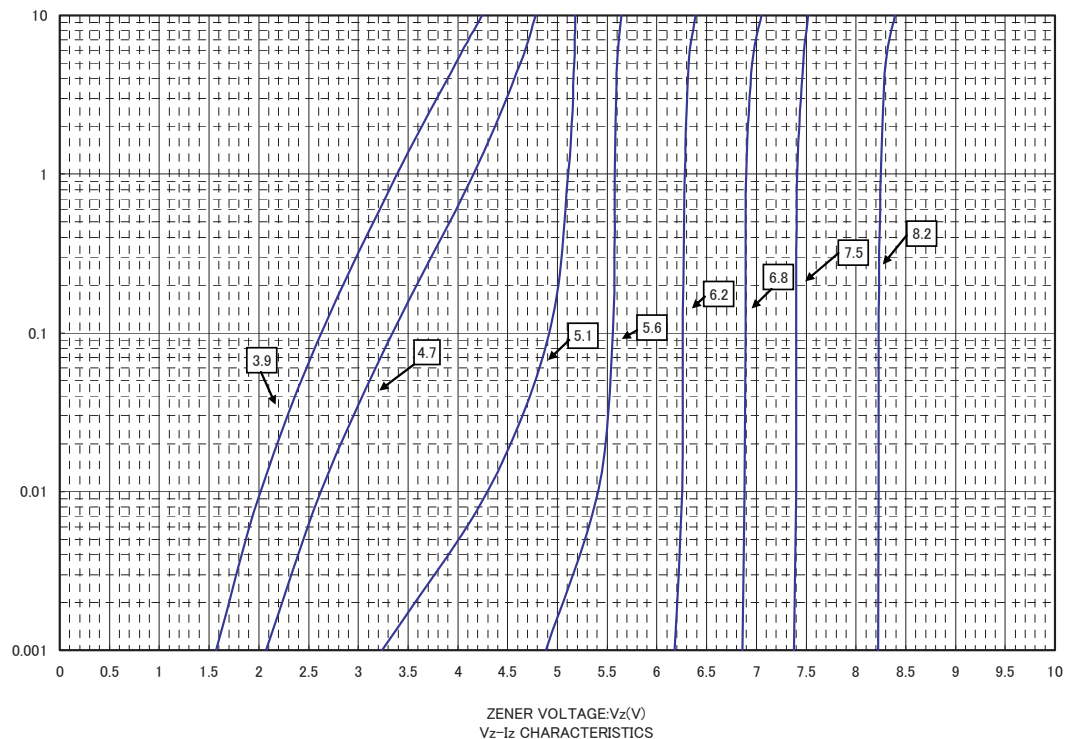
(1)The zener voltage(Vz) is measured 40ms after power is supplied.

●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

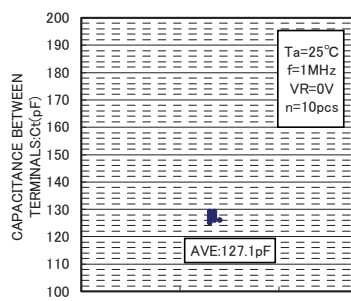
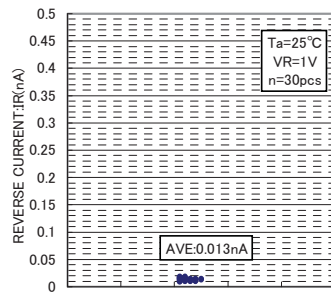
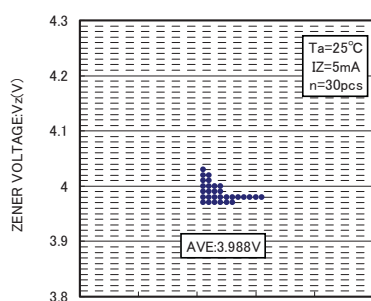
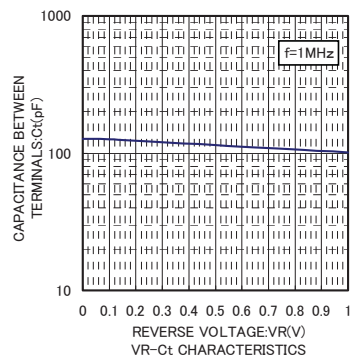
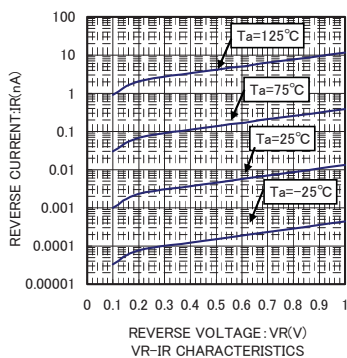
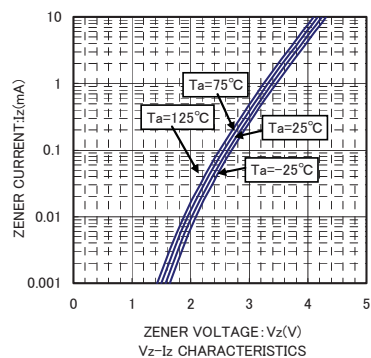
Diodes

●Electrical characteristic curves



Diodes

●Electrical characteristic curves (Ta=25°C)



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