

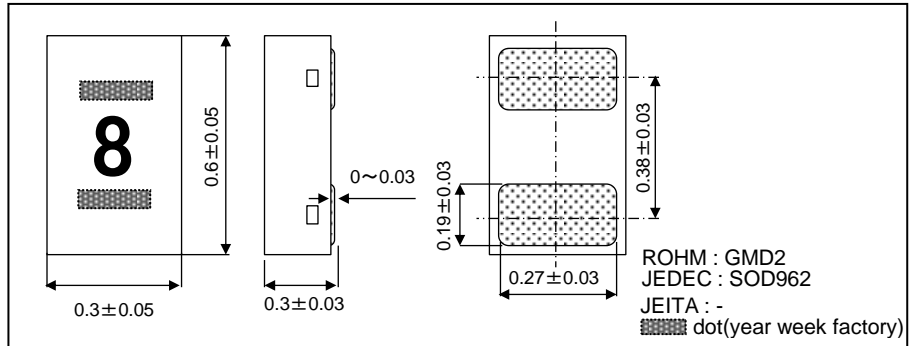
●Application

ESD Protection

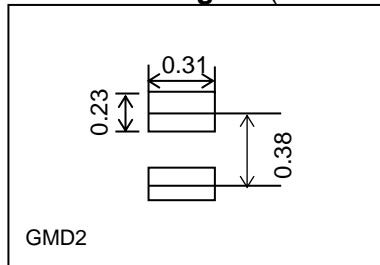
●Features

- 1) Ultra small mold type.
(GMD2)
- 2) Bi direction.
- 3) High reliability
- 4) By chip-mounter, automatic mounting is possible.

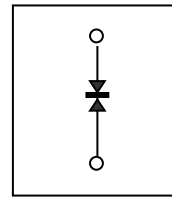
●Dimensions (Unit : mm)



●Land size figure (Unit : mm)



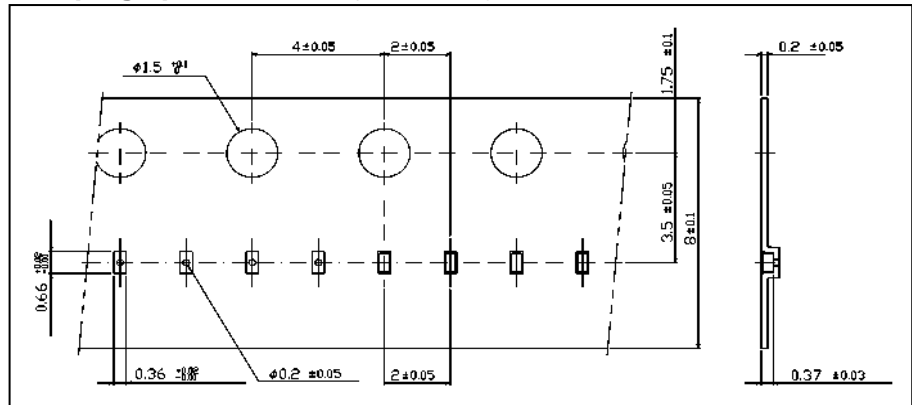
●Structure



●Construction

Silicon Epitaxial Planar Type

●Taping specifications (Unit : mm)



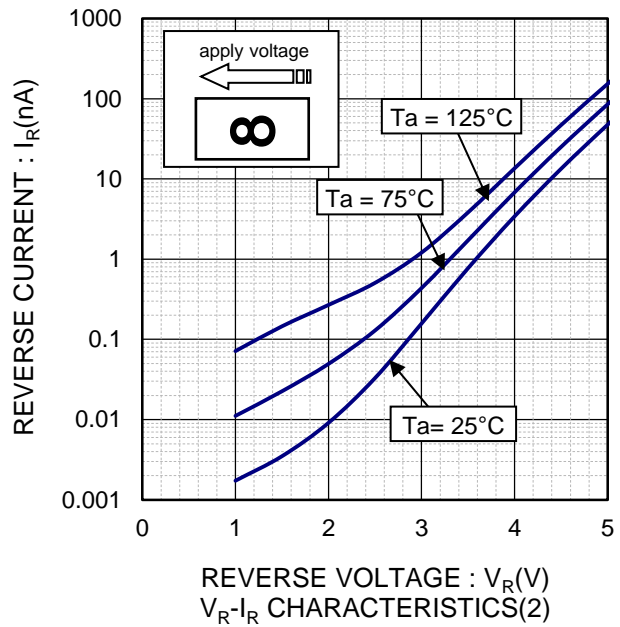
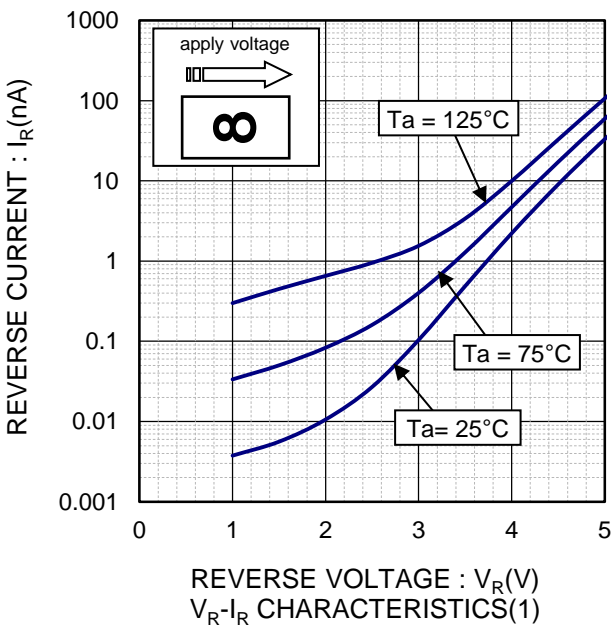
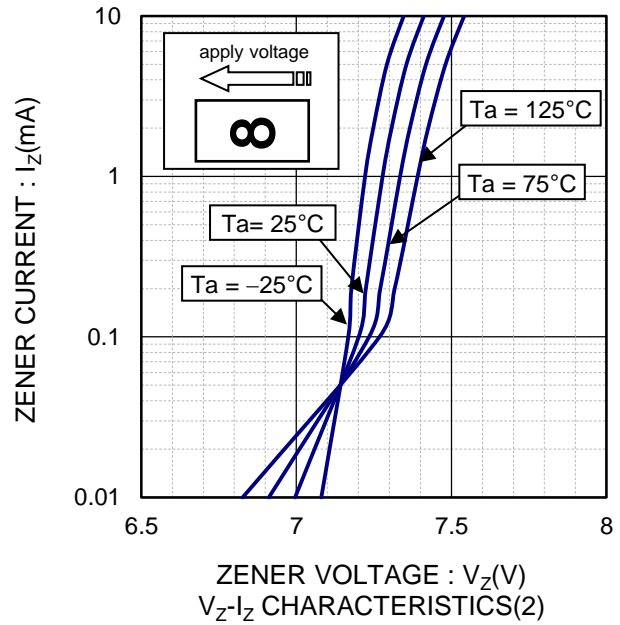
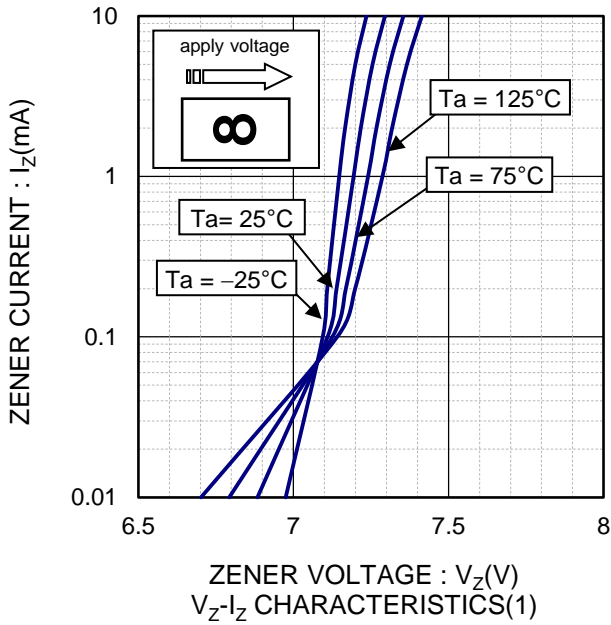
●Absolute maximum ratings (T_a= 25°C)

Parameter	Symbol	Limits	Unit
Power dissipation	P	100	mW
Junction temperature	T _j	150	°C
Storage temperature	T _{stg}	-55 to +150	°C
Operation temperature range	T _{opor}	-55 to +150	°C

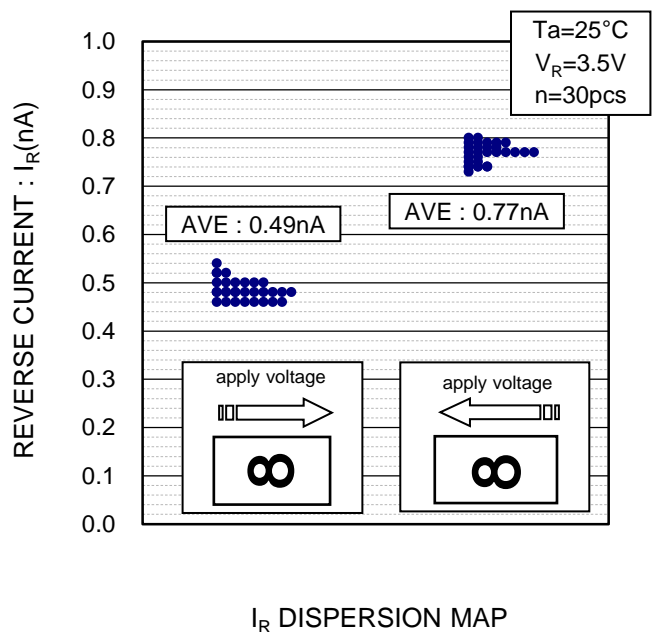
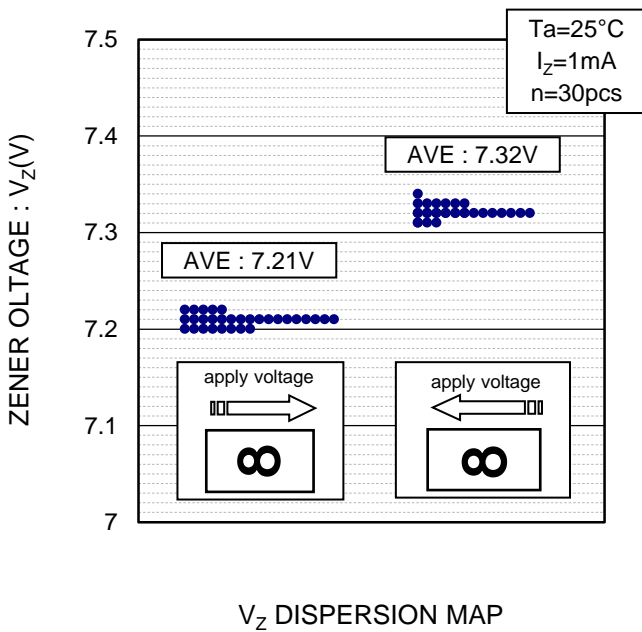
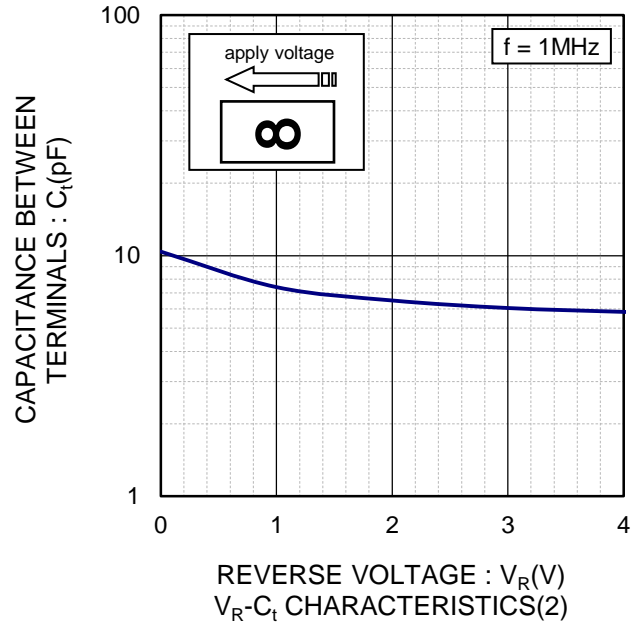
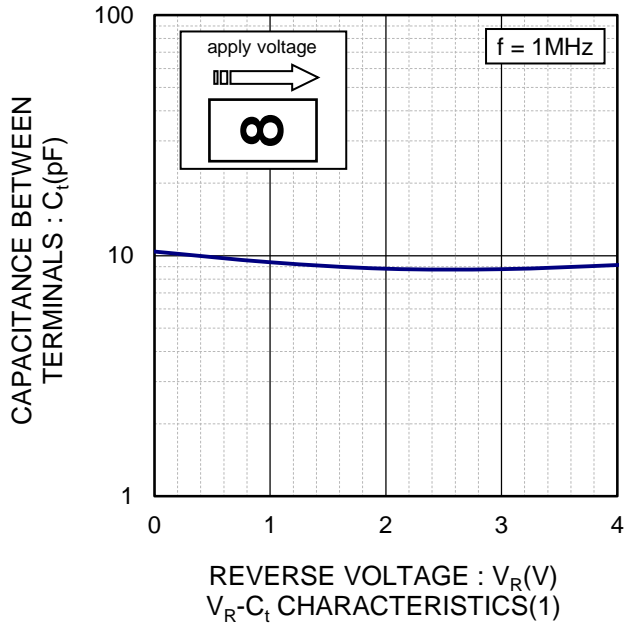
●Electrical characteristics (T_a = 25°C)

Parameter	Symbol	Min.	Typ.	Max.	Unit	Conditions
Zener voltage	V _Z	5.78	-	7.82	V	I _Z =1mA
Reverse current	I _R	-	-	0.5	μA	V _R =3.5V

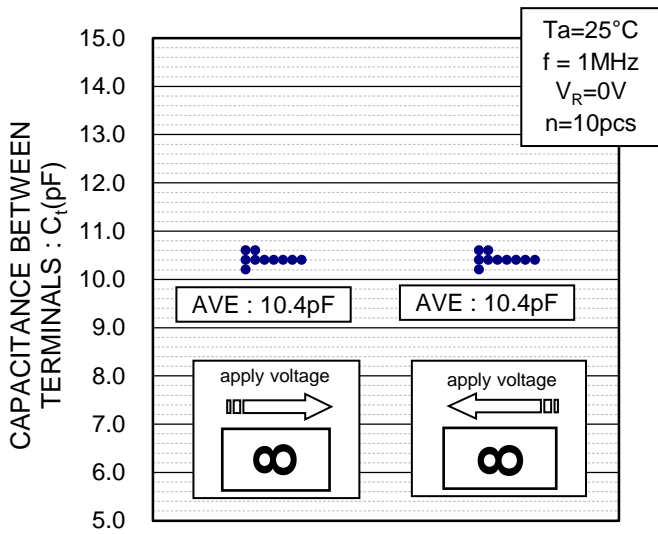
●Electrical characteristic curves



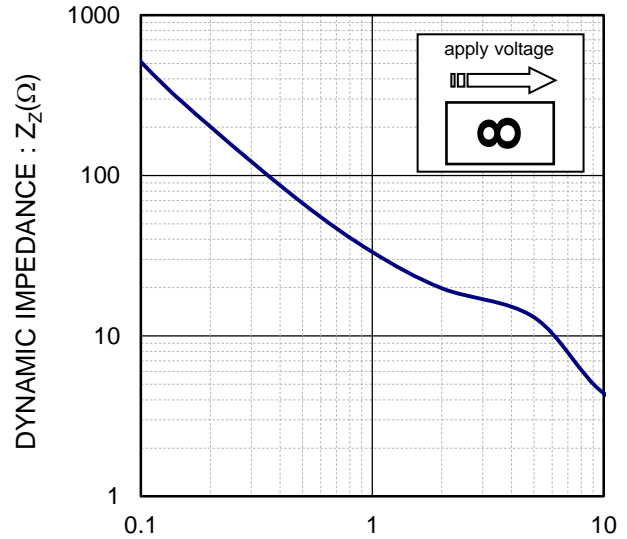
●Electrical characteristic curves



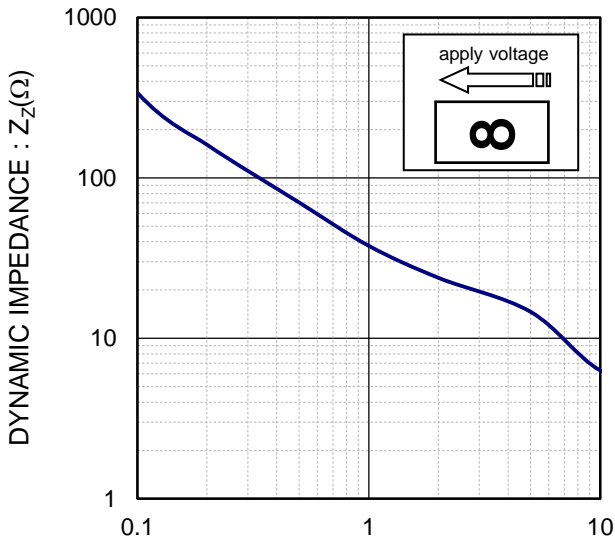
●Electrical characteristic curves



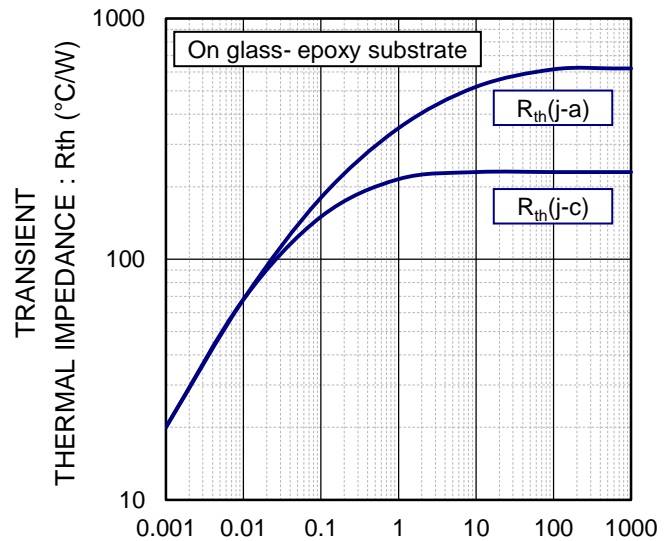
C_t DISPERSION MAP



Z_z-I_z CHARACTERISTICS(1)

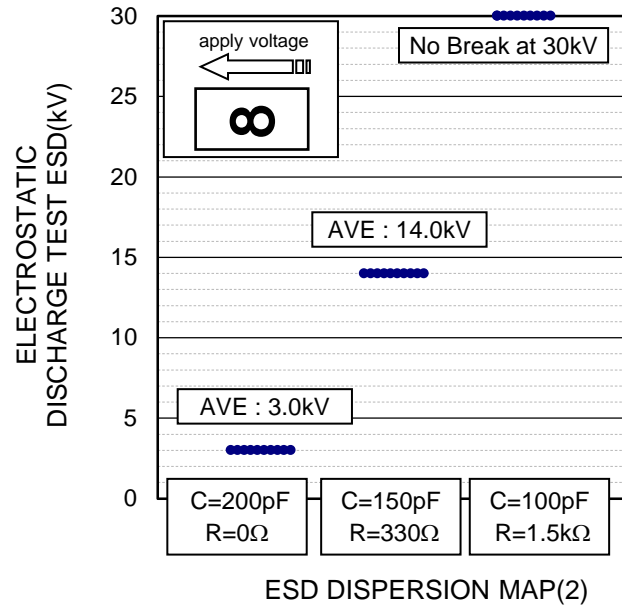
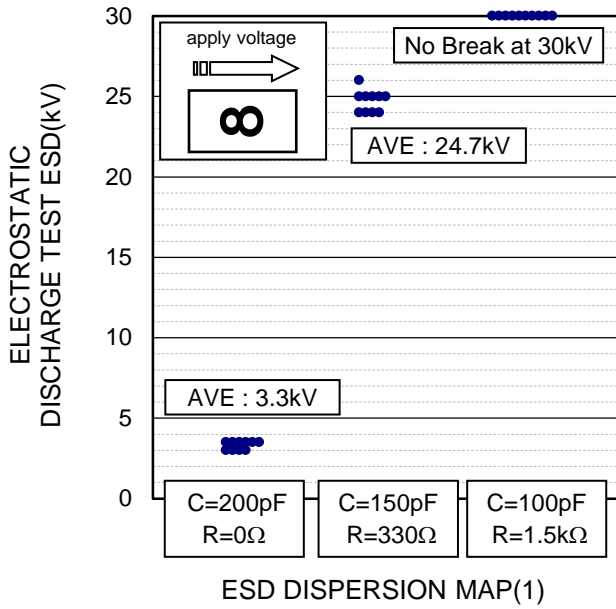


Z_z-I_z CHARACTERISTICS(2)



R_{th}-t CHARACTERISTICS

●Electrical characteristic curves



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