

●Application

ESD Protection

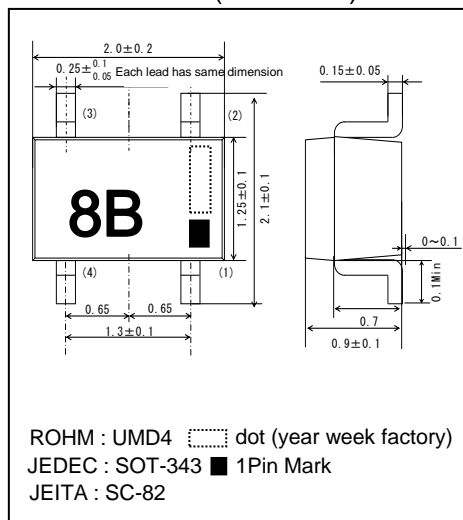
●Features

- 1) Small mold type. (UMD4)
- 2) High reliability.
- 3) Bi direction.

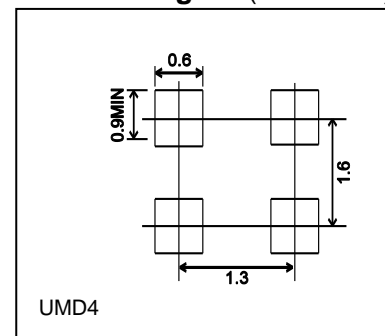
●Construction

Silicon epitaxial planar

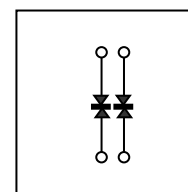
●Dimensions (Unit : mm)



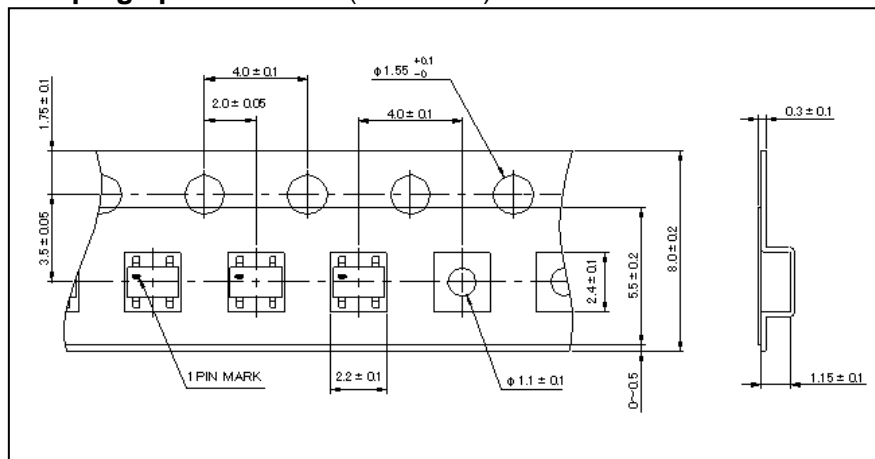
●Land size figure (Unit : mm)



●Structure



●Taping specifications (Unit : mm)



●Absolute maximum ratings (Ta = 25°C)

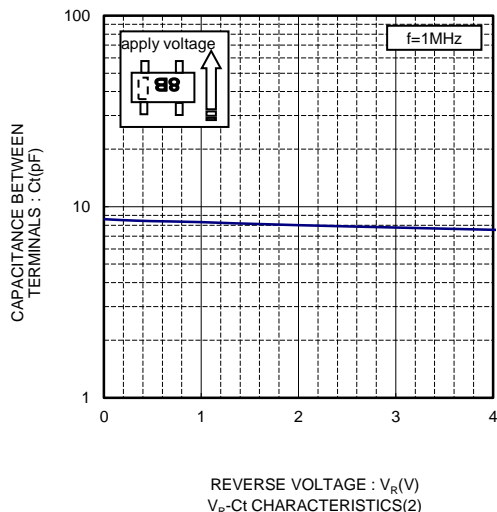
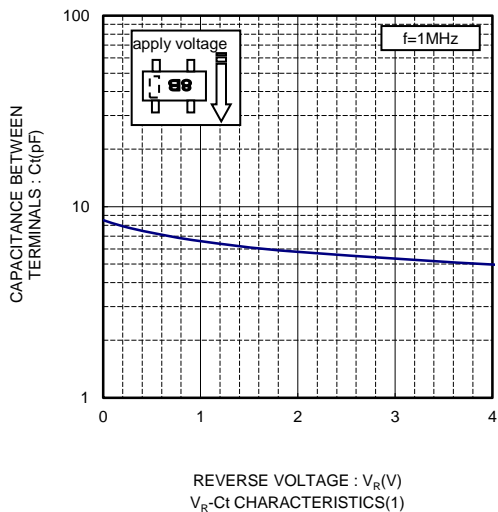
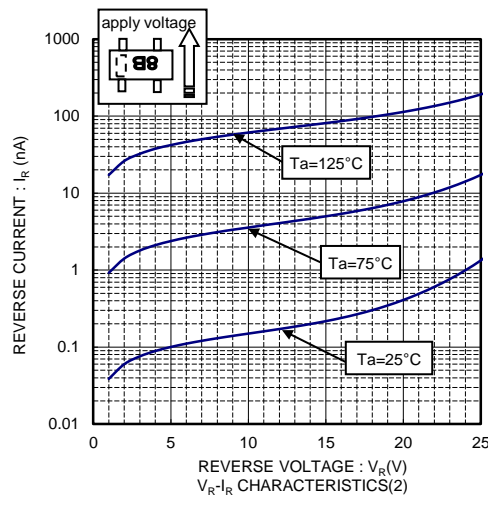
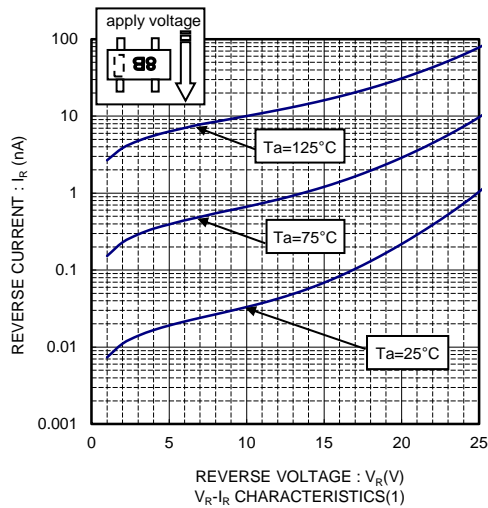
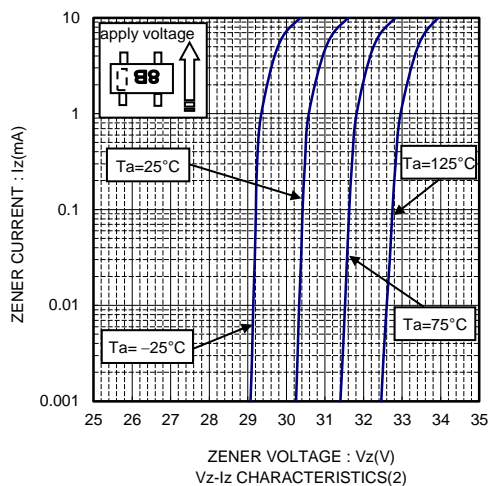
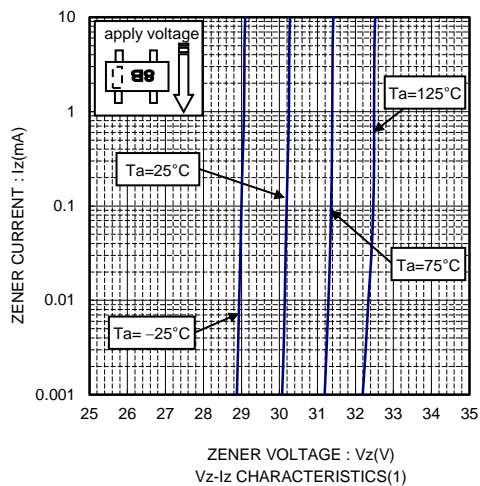
Parameter	Symbol	Limits	Unit
Power dissipation (*)	Pd	200	mW
Junction temperature	Tj	150	°C
Storage temperature	Tstg	-55 to +150	°C

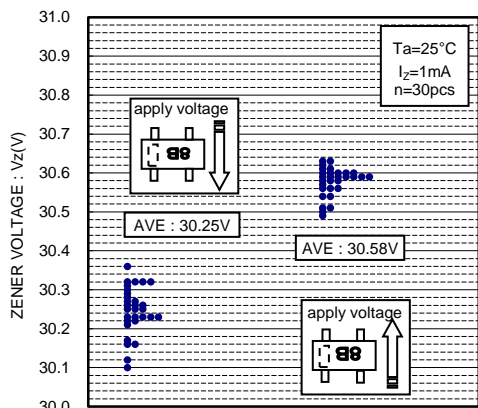
(*) Total two elements

●Electrical characteristics (Ta = 25°C)

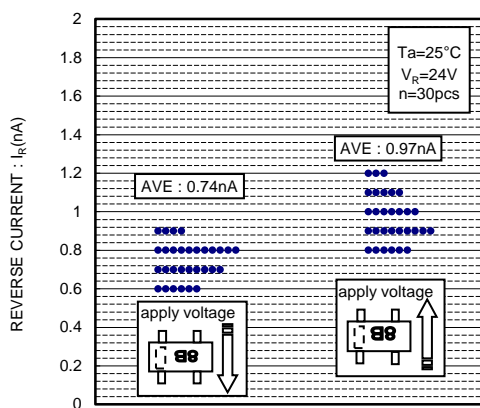
Parameter	Symbol	Min.	Typ.	Max.	Unit	Conditions
Forward voltage	V _Z	26.2	-	32.0	V	I _Z =1mA
Reverse current	I _R	-	-	0.1	μA	V _R =24V
Junction capacitance	C _t	-	-	30	pF	V _R =0V, f=1MHz

* Zener voltage (V_Z) shall be measured at 40ms after loading current. Rating of per diode

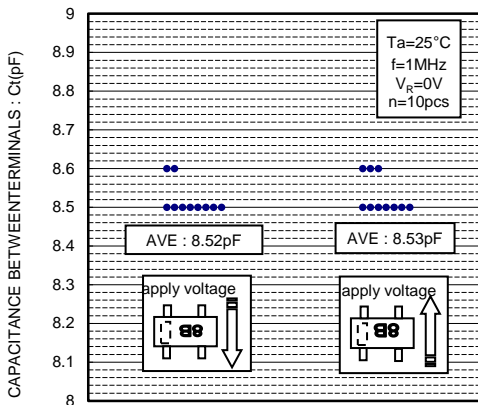




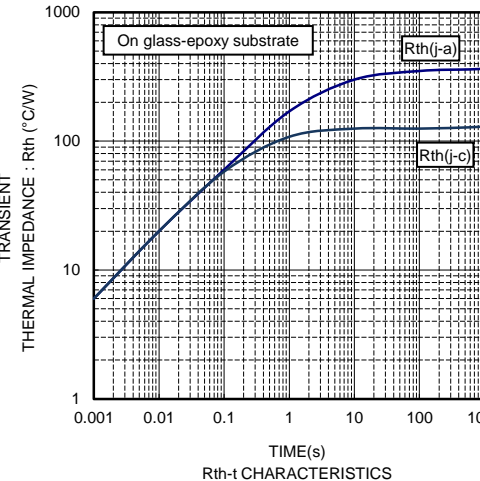
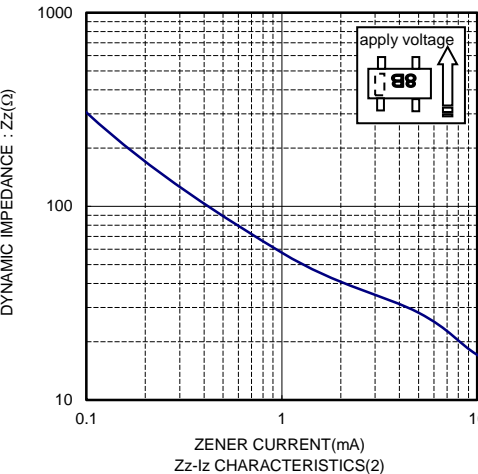
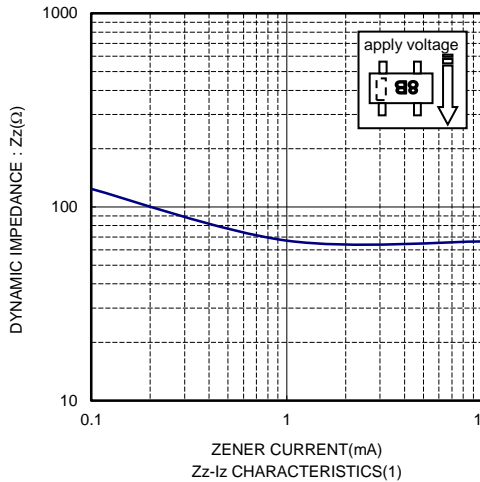
V_z DISPERSION MAP

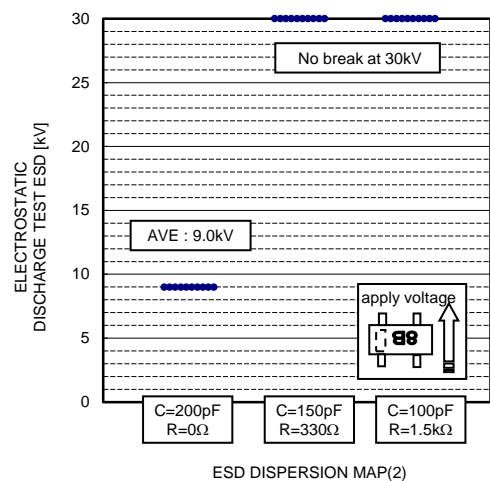
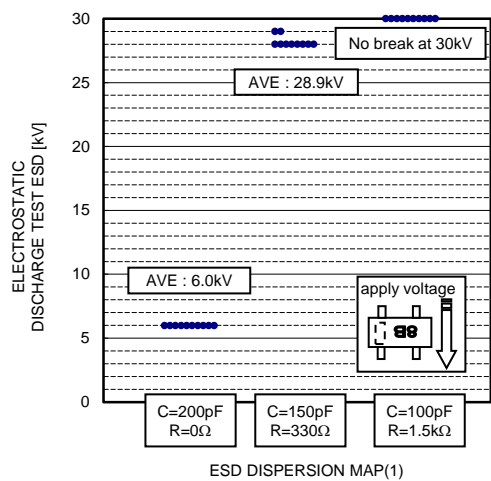


I_R DISPERSION MAP



C_t DISPERSION MAP





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