

Low Capacitance Protection Device

RSB12JS2

●Applications

ESD Protection

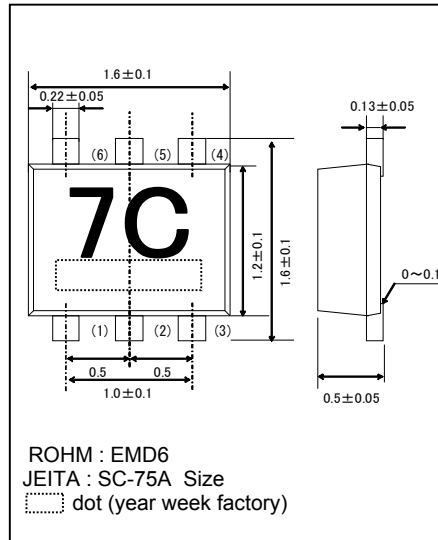
●Features

- 1) Ultra small mold type. (EMD6)
- 2) Low capacitance
- 3) Bi direction

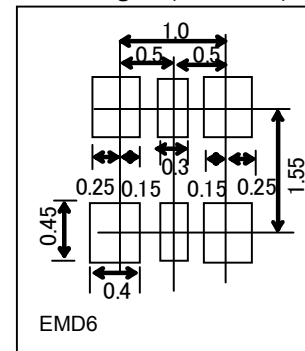
●Construction

Silicon Epitaxial Planar

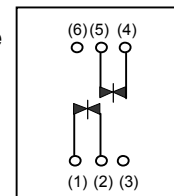
●Dimensions (Unit : mm)



●Land size figure(Unit : mm)

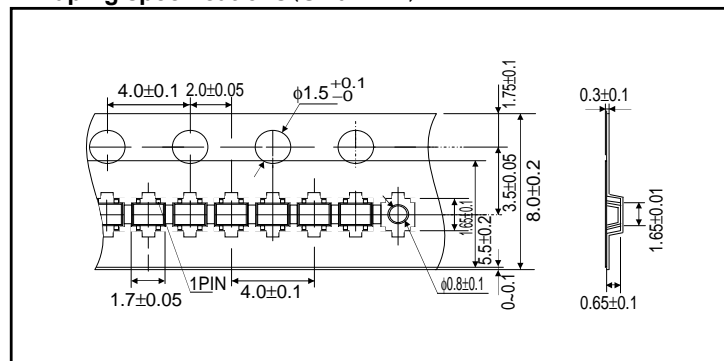


●Structure



*Please make 3 and 6 Pin open in circuit upon use.

●Taping specifications (Unit : mm)



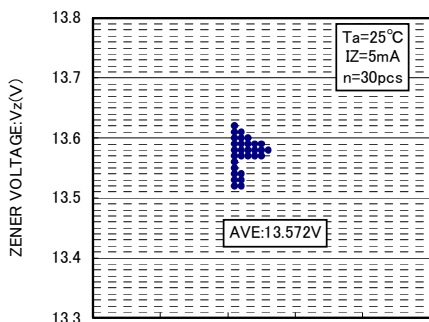
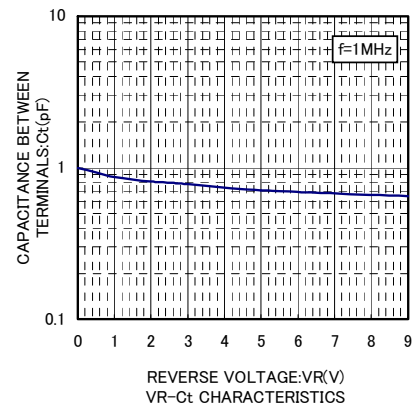
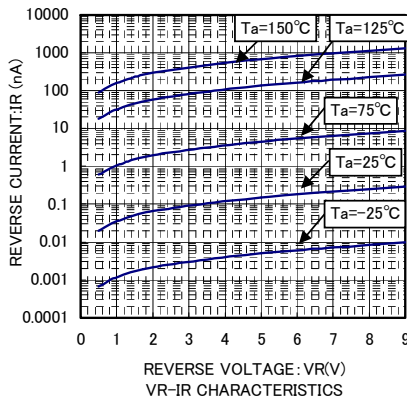
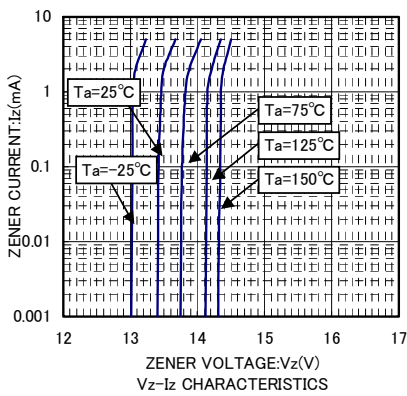
●Absolute maximum ratings (Ta=25°C)

Parameter	Symbol	Limits	Unit
Power dissipation	P	150	mW
Junction temperature	Tj	150	°C
Storage temperature	Tstg	-55 to +150	°C

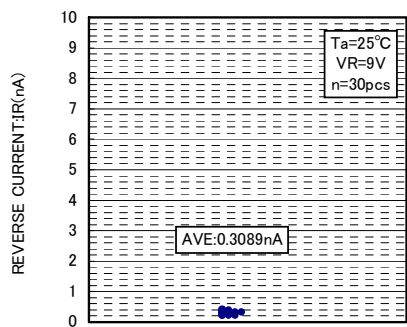
●Electrical characteristic (Ta=25°C) (* Rating of per diode)

Parameter	Symbol	Min.	Typ.	Max.	Unit	Conditions
Zener voltage	Vz	9.6	-	14.4	V	Iz=5mA
Reverse current	IR	-	-	0.10	μA	VR=9V
Capacitance between terminals	Ct	-	1	-	pF	f=1MHz, VR=0V

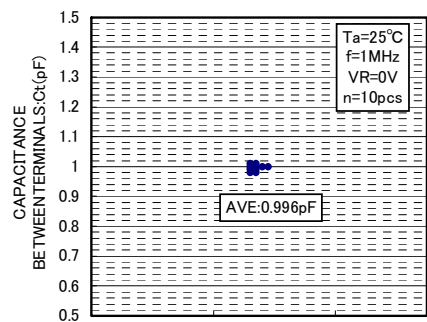
●Electrical characteristics curve



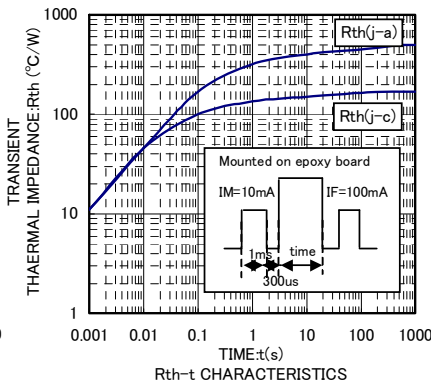
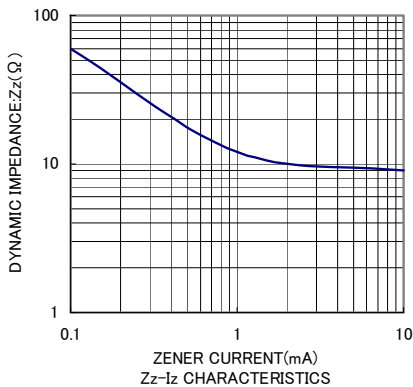
Vz DISREION MAP



IR DISREION MAP



Ct DISREION MAP



Notes

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