

Ultra Low Capacitance ESD Protection Diode

RSD6.8JS2

●Applications

ESD Protection

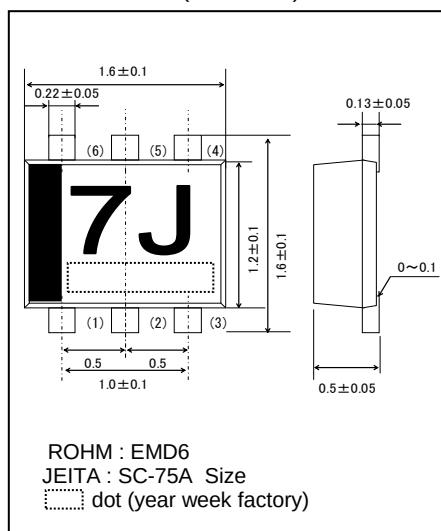
●Features

- 1) Ultra small mold type. (EMD6)
- 2) Ultra Low Capacitance
- 3) Bi direction
- 4) High reliability

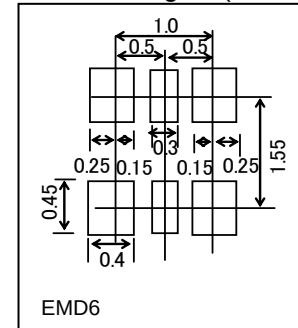
●Construction

Silicon epitaxial planer

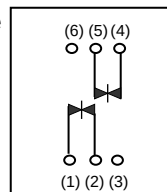
●Dimensions (Unit : mm)



●Land size figure (Unit : mm)

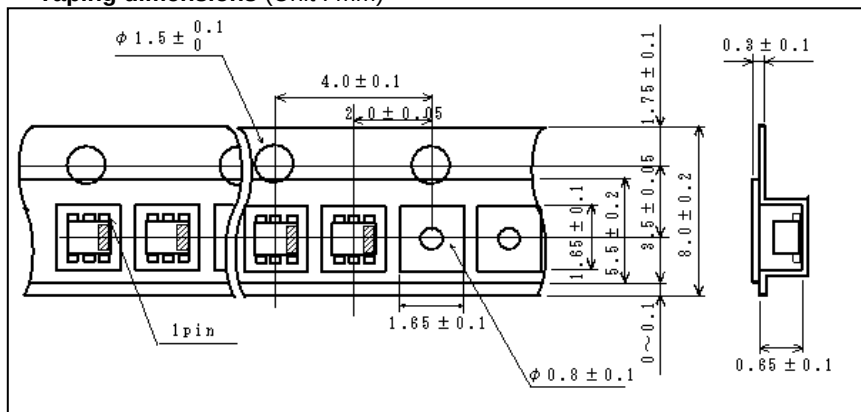


●Structure



*Please make 3 and 6 Pin open in circuit upon

●Taping dimensions (Unit : mm)



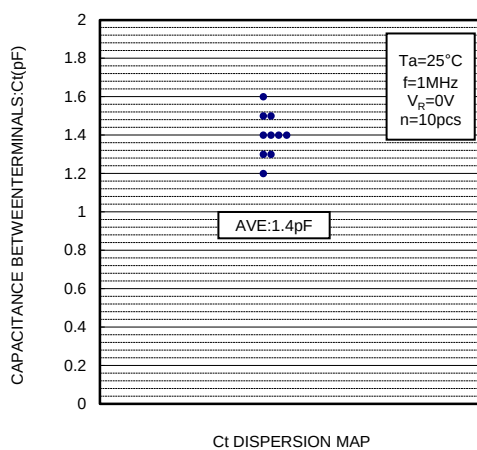
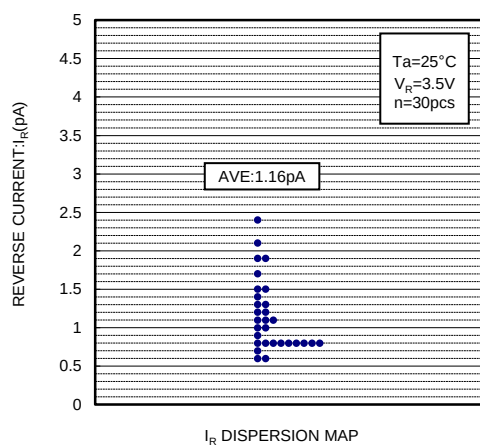
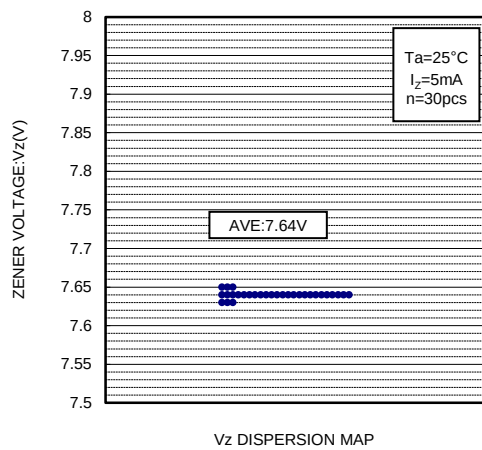
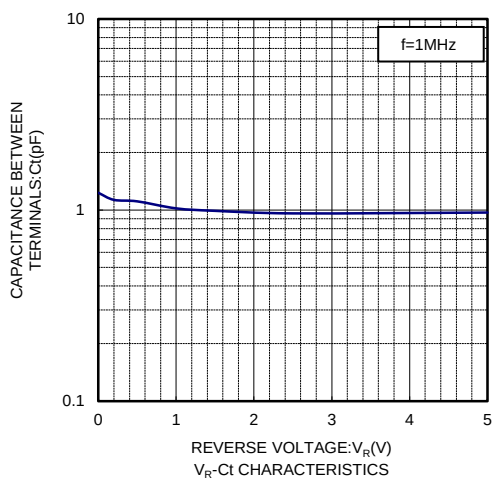
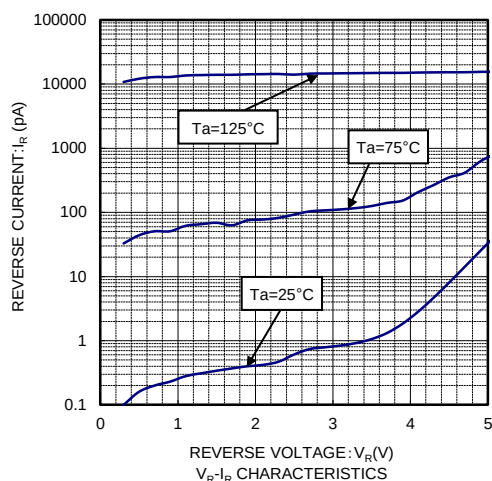
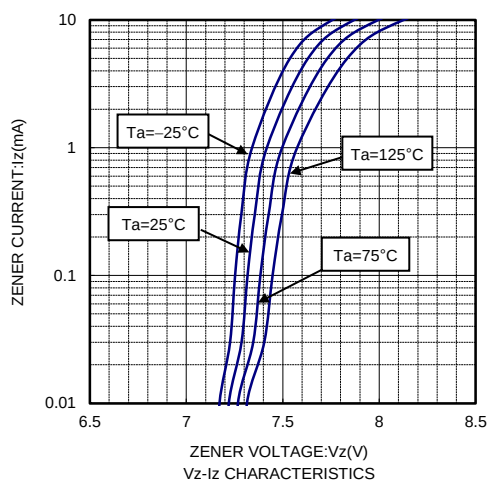
●Absolute maximum ratings (Ta=25°C)

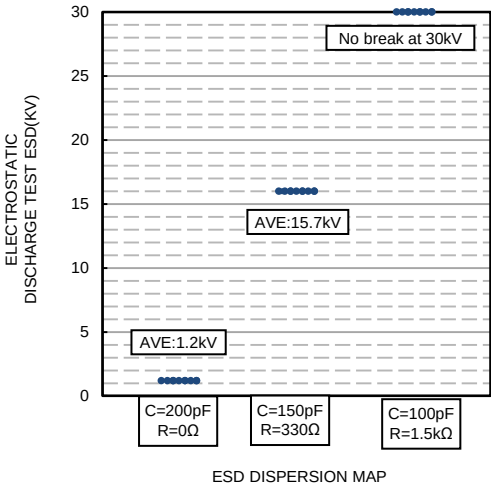
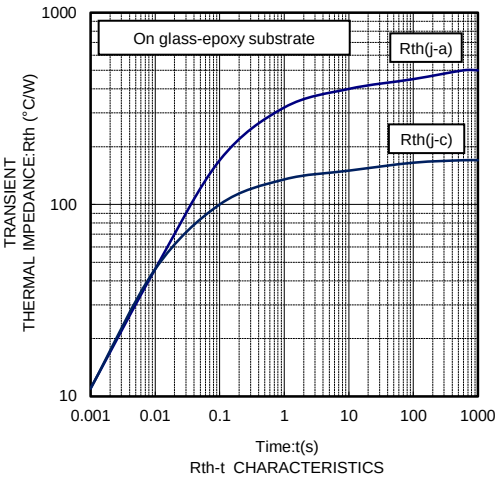
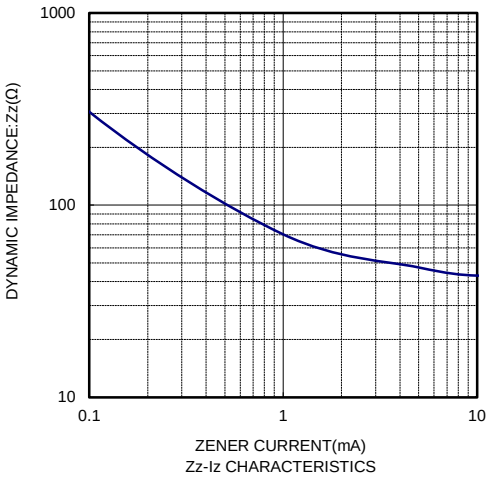
Parameter	Symbol	Limits	Unit
Power dissipation	P	150	mW/Total
Junction temperature	Tj	150	°C
Storage temperature	Tstg	-55 to +150	°C

●Electrical characteristics (Ta=25°C)

Parameter	Symbol	Min.	Typ.	Max.	Unit	Conditions
Zener voltage	V _Z	6.0	-	8.0	V	I _Z =5mA
Reverse current	I _R	-	-	0.50	μA	V _R =3.5V
Capacitance between terminals	C _t	-	1	-	pF	f=1MHz, V _R =0V

*Rating of per diode.





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