

Zener diode

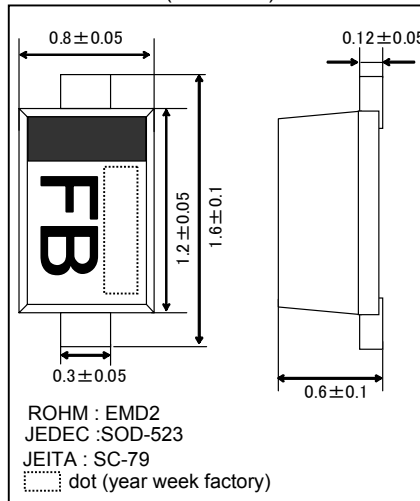
EDZC6.8B

●Applications
Voltage regulation

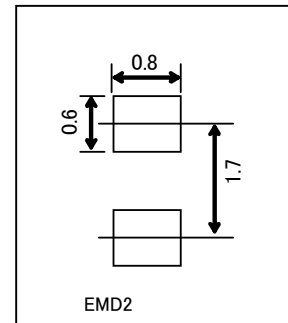
●Features
1) Ultra small mold type. (EMD2)
2) High reliability
3) Bi chip-mounter automatic mounting is possible.

●Construction
Silicon epitaxial planar

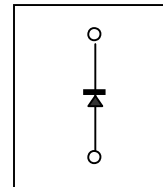
●Dimensions (Unit : mm)



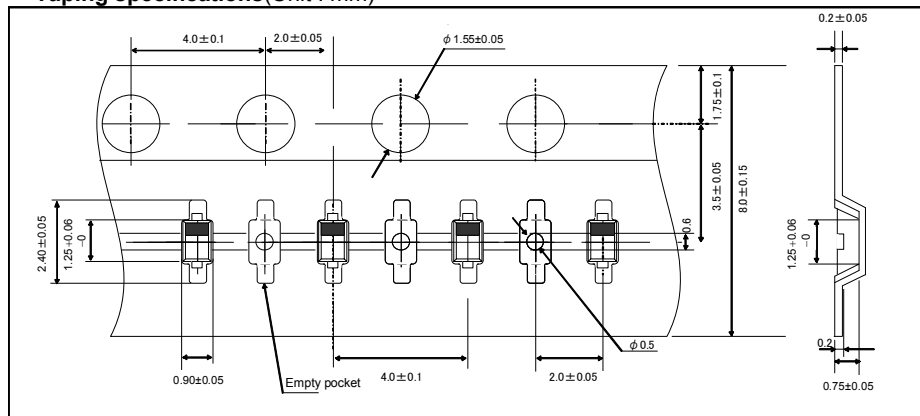
●Land size figure (Unit : mm)



●Structure



●Taping specifications (Unit : mm)

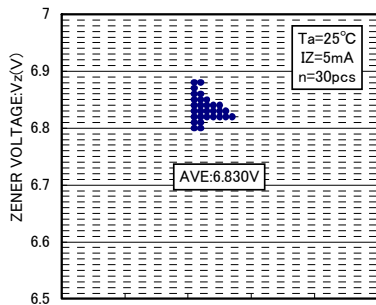
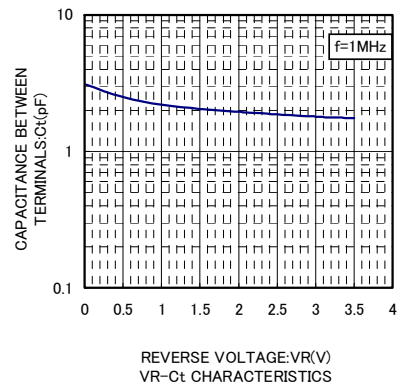
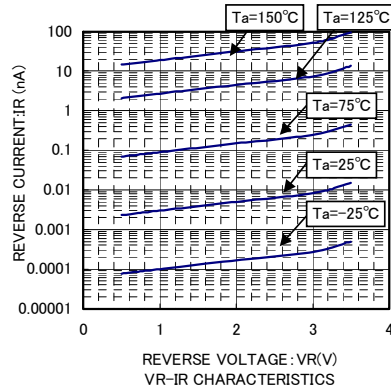
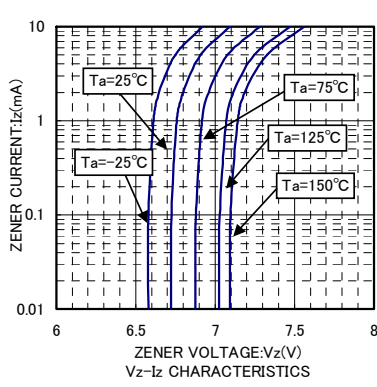


●Absolute maximum ratings (Ta=25°C)

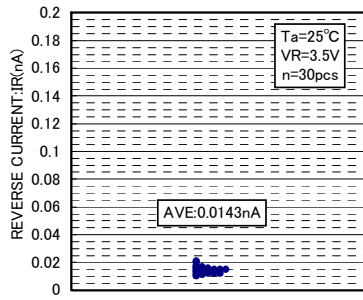
Parameter	Symbol	Limits	Unit
Power dissipation	P	150	mW
Junction temperature	Tj	150	°C
Storage temperature	Tstg	-55 to +150	°C

●Electrical characteristics (Ta=25°C)

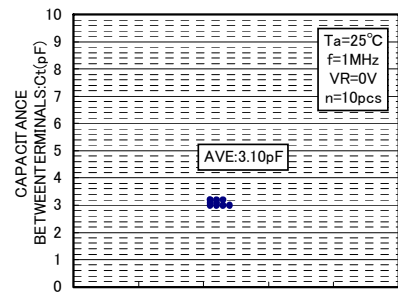
Parameter	Symbol	Min.	Typ.	Max.	Unit	Conditions
Zener voltage	Vz	6.65	-	6.93	V	Iz=5mA
Reverse current	IR	-	-	0.5	μA	VR=3.5V
Capacitance between terminals	Ct	-	3.0	-	pF	VR=0V, f=1MHz



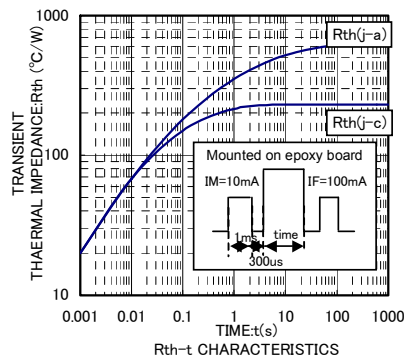
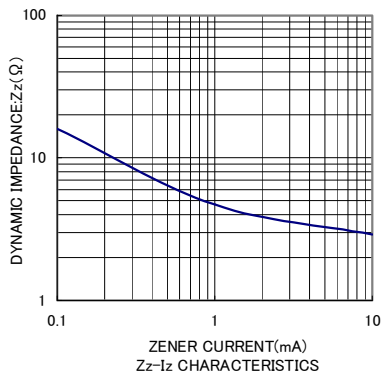
V_z DISRESION MAP



I_R DISRESION MAP



C_t DISRESION MAP



R_{th} - t CHARACTERISTICS

Notes

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