

Zener diode

EDZC6.8B

●Applications

Voltage regulation

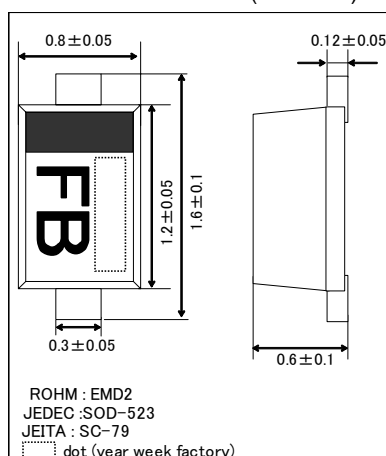
●Features

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

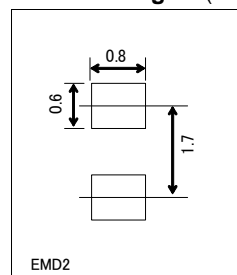
●Construction

Silicon epitaxial planar

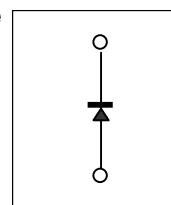
●External dimensions (Unit : mm)



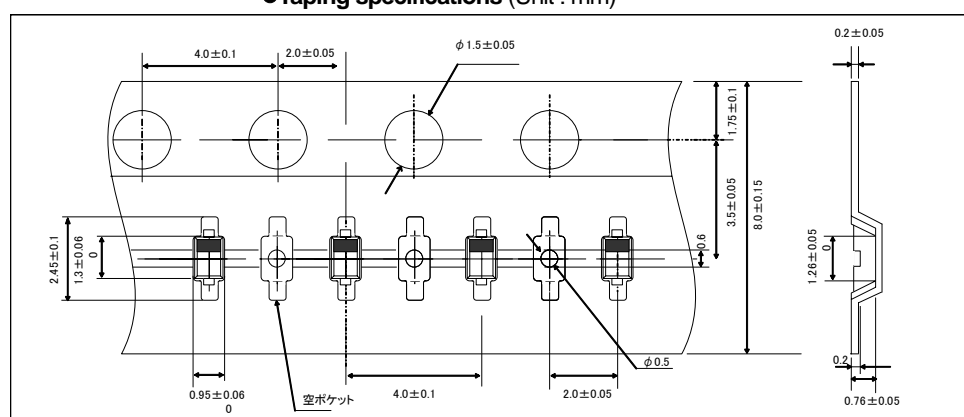
●Land size figure (Unit : mm)



●Structure



●Taping specifications (Unit : mm)



●Absolute maximum ratings (Ta=25°C)

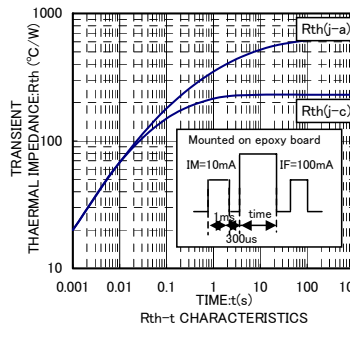
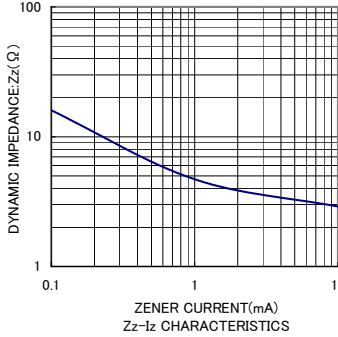
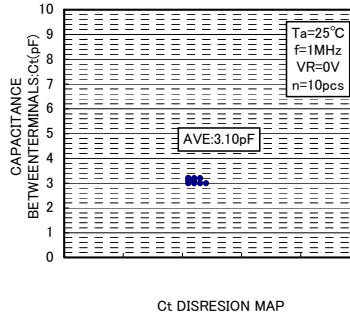
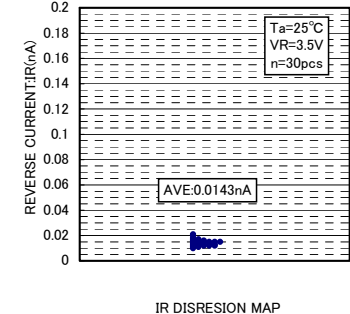
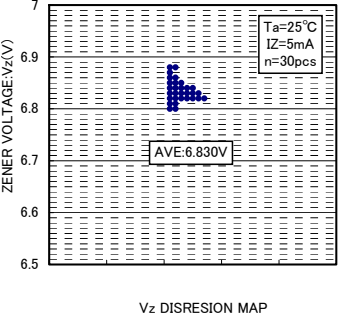
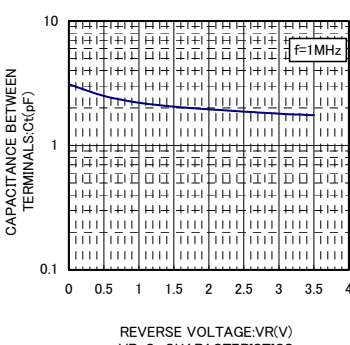
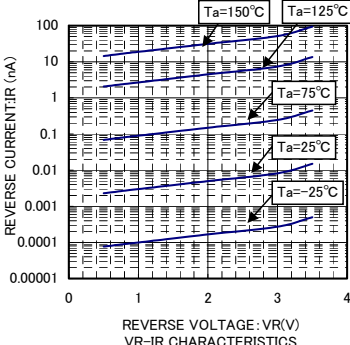
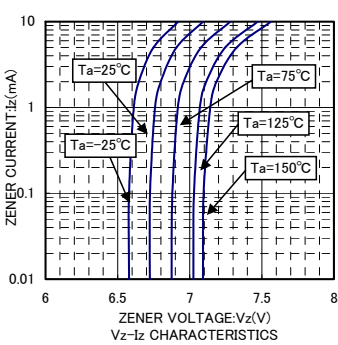
Parameter	Symbol	Limits	Unit
Power dissipation	P	150	mW
Junction temperature	T _j	150	°C
Storage temperature	T _{stg}	-55 to +150	°C

●Electrical characteristics (Ta=25°C)

Parameter	Symbol	Min.	Typ.	Max.	Unit	Conditions
Zener voltage	V _z	6.65	-	6.93	V	I _z =5mA
Reverse current	I _R	-	-	0.5	μA	V _R =3.5V
Capacitance between terminals	C _t	-	3.0	-	pF	V _R =0V, f=1MHz

Diodes

●Electrical characteristic curves (Ta=25°C)



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