

# Zener diode

## EDZC6.8B

### ●Applications

Voltage regulation

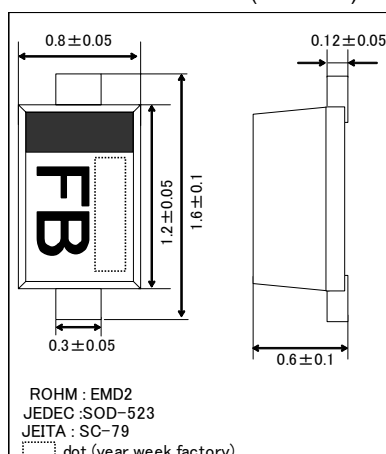
### ●Features

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

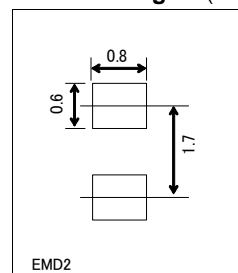
### ●Construction

Silicon epitaxial planar

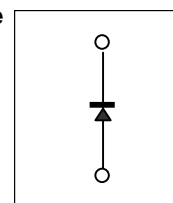
### ●External dimensions (Unit : mm)



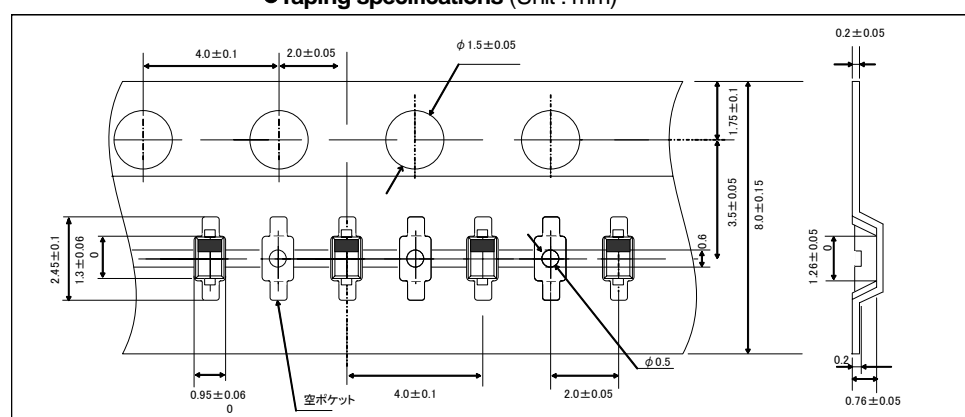
### ●Land size figure (Unit : mm)



### ●Structure



### ●Taping specifications (Unit : mm)



### ●Absolute maximum ratings (Ta=25°C)

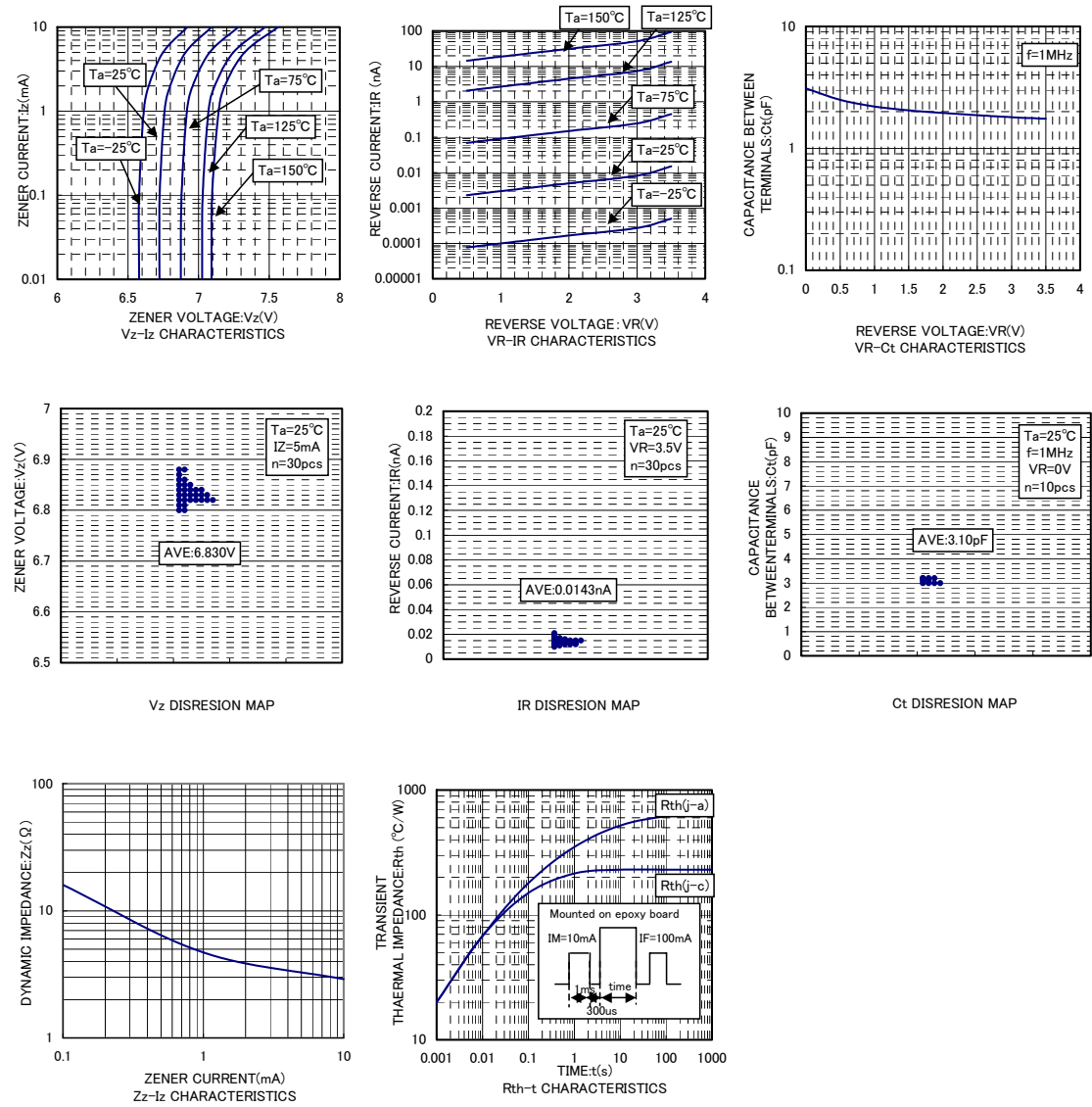
Parameter	Symbol	Limits	Unit
Power dissipation	P	150	mW
Junction temperature	T <sub>j</sub>	150	°C
Storage temperature	T <sub>stg</sub>	-55 to +150	°C

### ●Electrical characteristics (Ta=25°C)

Parameter	Symbol	Min.	Typ.	Max.	Unit	Conditions
Zener voltage	V <sub>z</sub>	6.65	-	6.93	V	I <sub>z</sub> =5mA
Reverse current	I <sub>R</sub>	-	-	0.5	μA	V <sub>R</sub> =3.5V
Capacitance between terminals	C <sub>t</sub>	-	3.0	-	pF	V <sub>R</sub> =0V, f=1MHz

Diodes

●Electrical characteristic curves (Ta=25°C)



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