

Zener diode

EDZC6.8B

●Applications

Voltage regulation

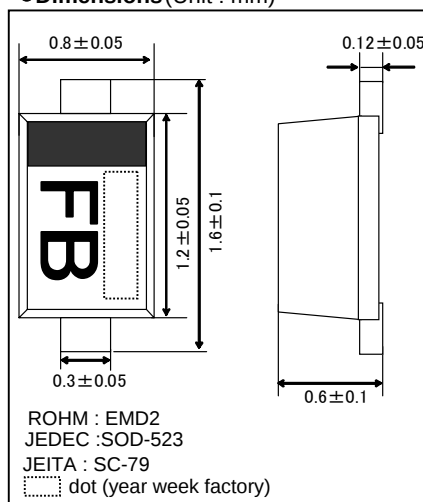
●Features

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

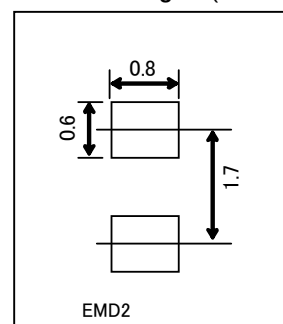
●Construction

Silicon epitaxial planar

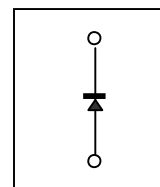
●Dimensions (Unit : mm)



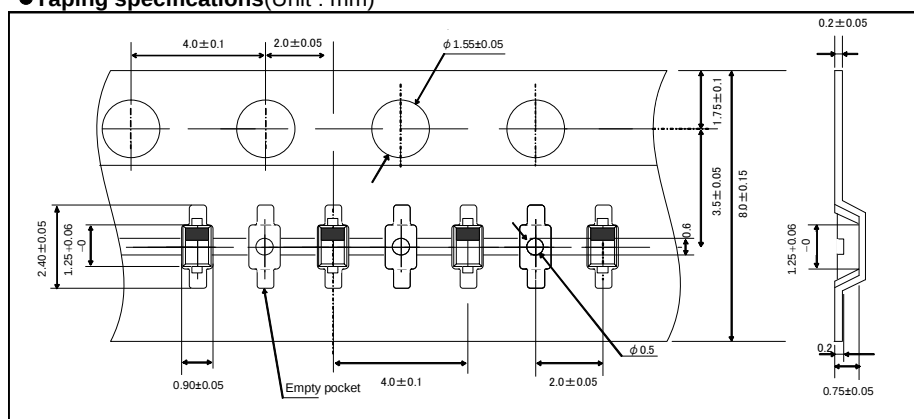
●Land size figure (Unit : mm)



●Structure



●Taping specifications (Unit : mm)

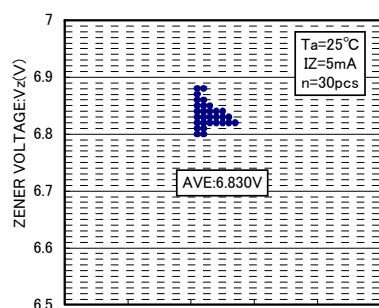
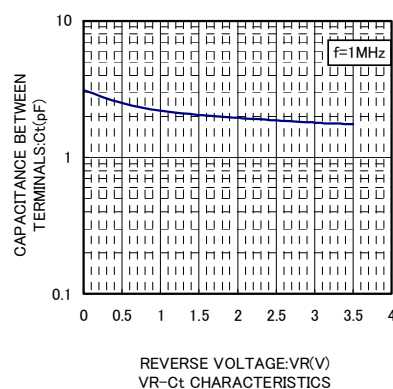
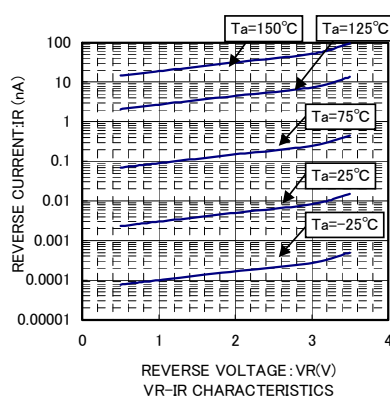
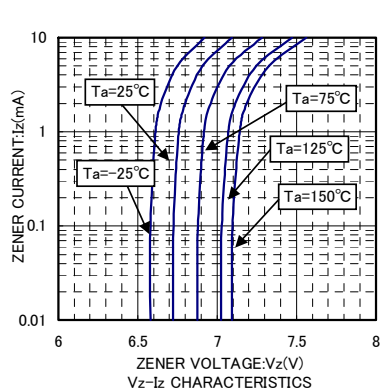
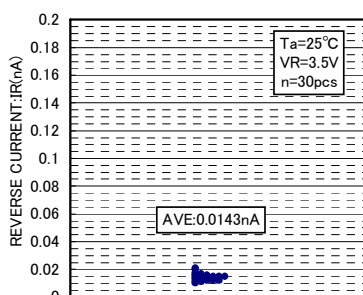
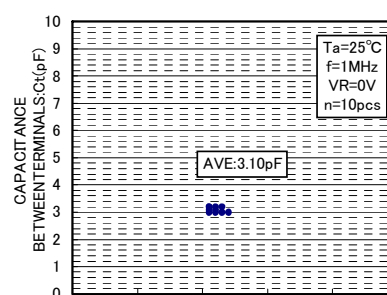
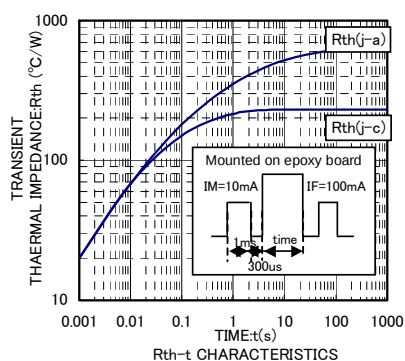
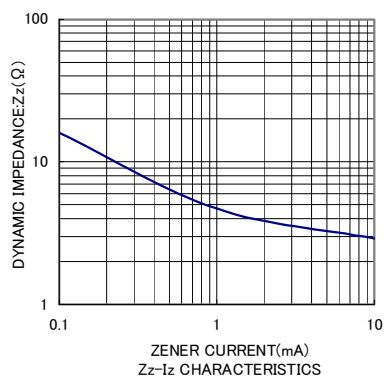


●Absolute maximum ratings ($T_a = 25^\circ\text{C}$)

Parameter	Symbol	Limits	Unit
Power dissipation	P	150	mW
Junction temperature	T_j	150	$^\circ\text{C}$
Storage temperature	T_{stg}	-55 to +150	$^\circ\text{C}$

●Electrical characteristics ($T_a = 25^\circ\text{C}$)

Parameter	Symbol	Min.	Typ.	Max.	Unit	Conditions
Zener voltage	V_z	6.65	-	6.93	V	$I_z = 5\text{mA}$
Reverse current	I_R	-	-	0.5	μA	$V_R = 3.5\text{V}$
Capacitance between terminals	C_t	-	3.0	-	pF	$V_R = 0\text{V}$, $f = 1\text{MHz}$

V_z DISCREPANCY MAPI_R DISCREPANCY MAPC_t DISCREPANCY MAP

Notes

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