Zener diode

EMZ6.8N

Applications

Voltage regulation (Common anode dual chips)

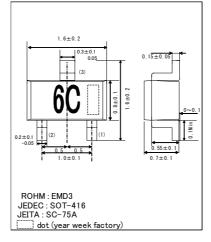
● Features

- 1) Ultra small mold type. (EMD3)
- 2) High reliability

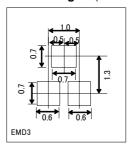
●Construction

Silicon epitaxial planar

●External dimensions (Unit:mm)



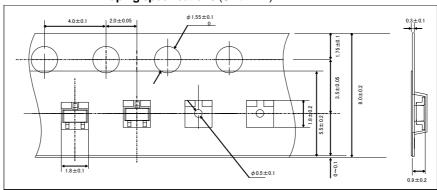
●Land size figure (Unit : mm)



Structure



●Taping specifications (Unit : mm)



● Absolute maximum ratings (Ta=25°C)

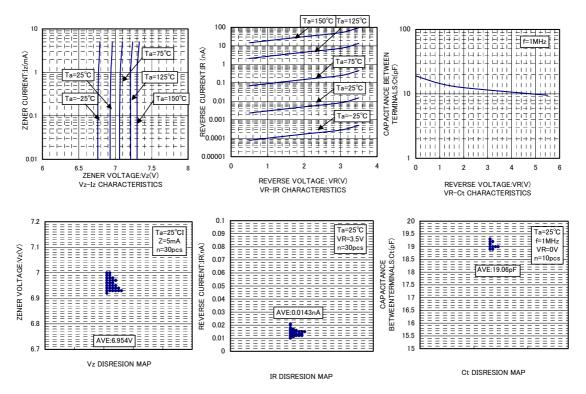
Parameter	Symbol	Limits	Unit
Power dissipation (*1)	Р	150	m W
Junction temperature	Tj	150	°C
Storage temperature	Tstg	-55 to +150	°C

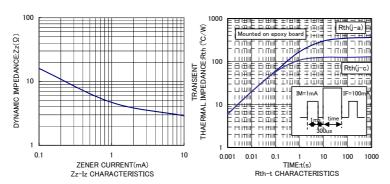
^(*1) Total of 2 elements

●Electrical characteristics (Ta=25°C)

Parameter	Symbol	Min.	Тур.	Max.	Unit	Conditions
Zener voltage	V_Z	6.47	-	7.14	V	I _Z =5mA
Reverse current	I _R	-	-	0.50	μA	V _R =3.5V
Dynamic impedance	Z _Z	-	-	40	Ω	I _Z =5mA

●Electrical characteristic curves (Ta=25°C)





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