Zener diode

EMZ6.8E

Applications

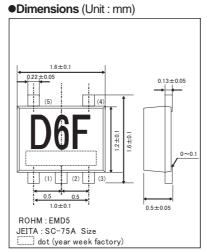
Voltage regulation (Common anode dual chips)

● Features

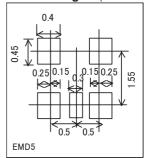
- 1) Ultra small mold type. (EMD5)
- 2) High reliability

Construction

Silicon epitaxial planar

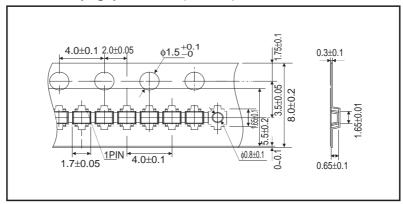


●Land size figure (Unit : mm)



•Structure





● Absolute maximum ratings (Ta=25°C)

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

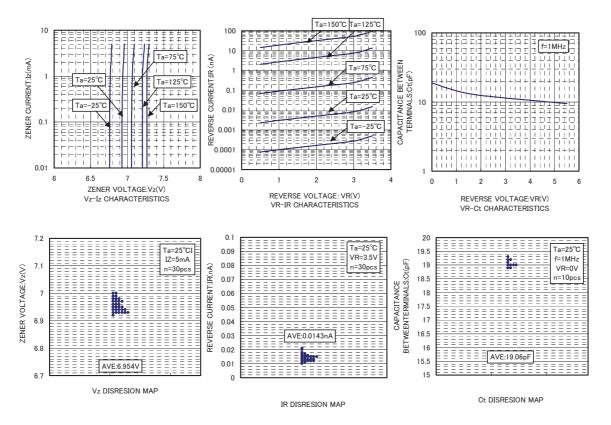
^(*1) Total of 2 elements

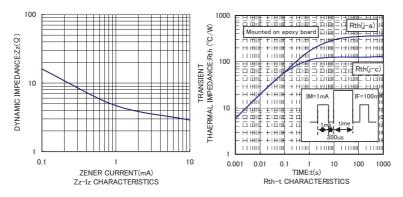
●Electrical characteristics (Ta=25°C)

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	

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●Electrical characteristic curves (Ta=25°C)





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