# Zener diode

# **VMZ6.8N**

# Applications

Constant voltage control.

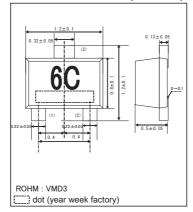
#### Features

- 1) Ultra small mold type. (VMD3)
- 2) High reliability.

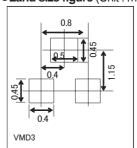
#### Construction

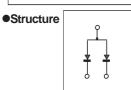
Silicon epitaxial planar.

# ●External dimensions (Unit : mm)

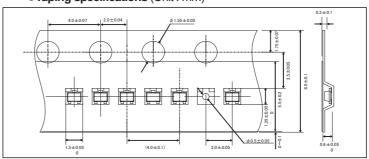


# ●Land size figure (Unit : mm)





# ● Taping specifications (Unit: mm)



● Absolute maximum ratings (Ta=25°C)

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

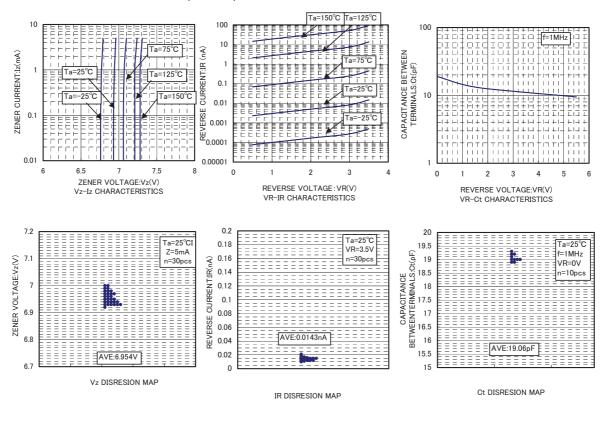
<sup>(\*1)</sup> Total of 2 elements

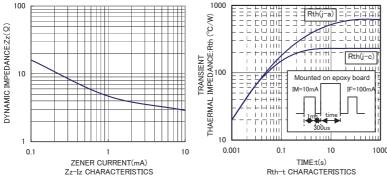
# ●Electrical characteristics (Ta=25°C)

Parameter	Symbol	Min.	Тур.	Max.	Unit	Conditions
Zener voltage	$V_Z$	6.47	-	7.14	V	I <sub>Z</sub> =5mA
Reverse current	$I_R$	-	-	0.50	μA	V <sub>R</sub> =3.5V

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#### ●Electrical characteristic curves (Ta=25°C)





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