# Zener Diode

# **UMZ6.8N**

# Applications

Constant voltage control (Anode common twin type)

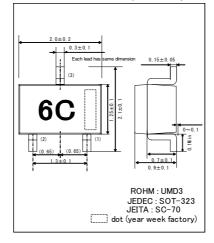
#### ● Features

- 1) Small mold type (UMD3)
- 2) High reliability

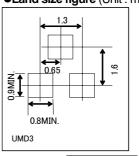
### **●**Construction

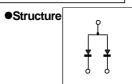
Silicon epitaxial planar

# ●External dimensions (Unit: mm)

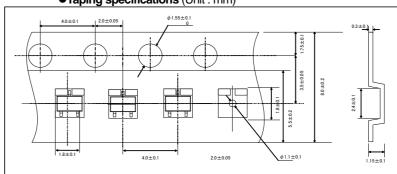


# ●Land size figure (Unit : mm)





# ●Taping specifications (Unit : mm)



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

PADSOIDE MAXIMUM ratings (1a=25 C)							
Parameter	Symbol	Limits	Unit				
Power dissipation (*1)	Р	200	mW				
Junction temperature	Tj	150	°C				
Storage temperature	Tstg	-55 to +150	°C				

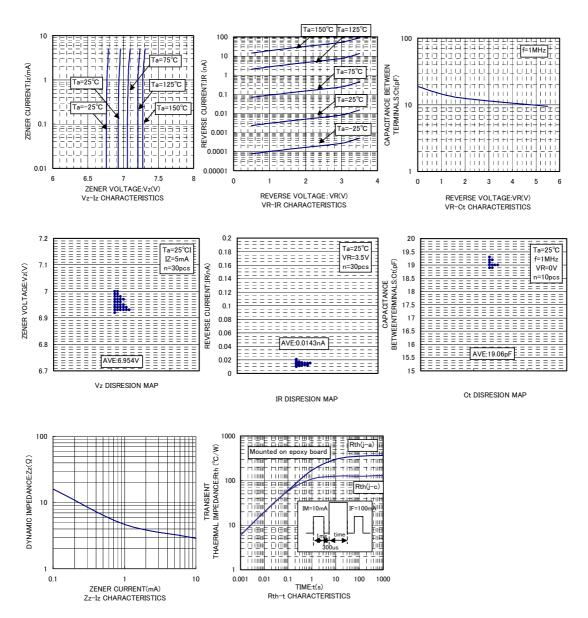
<sup>(\*1)</sup> Total of 2 elements

# ●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 <sub>R</sub>	-	-	0.50	μA	V <sub>R</sub> =3.5V
Operating resistance	$Z_Z$	-	-	40	Ω	I <sub>Z</sub> =5mA



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



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