

Zener Diode

UMZ6.8N

●Applications

Constant voltage control
(Anode common twin type)

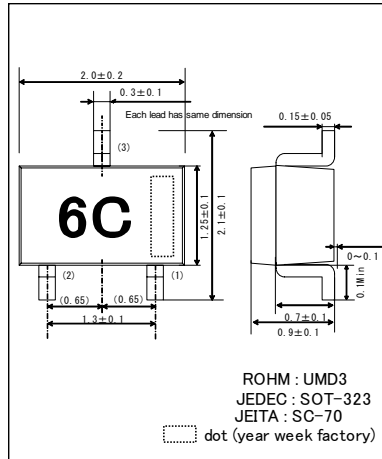
●Features

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

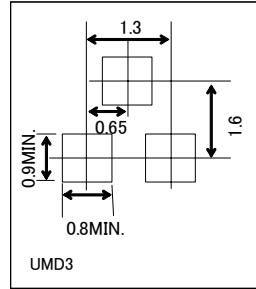
●Construction

Silicon epitaxial planar

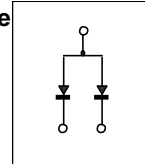
●External dimensions (Unit : mm)



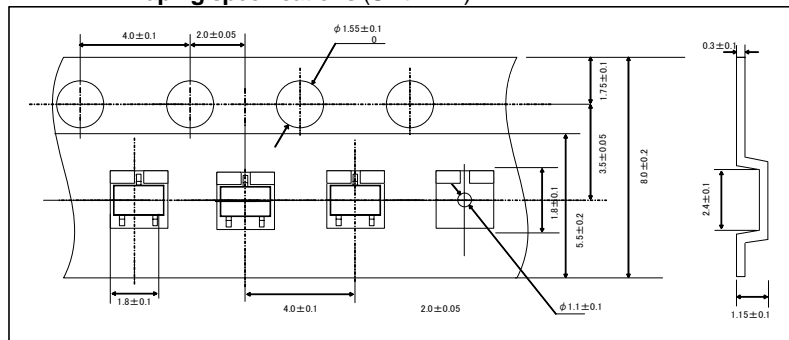
●Land size figure (Unit : mm)



●Structure



●Taping specifications (Unit : mm)



●Absolute maximum ratings (Ta=25°C)

Parameter	Symbol	Limits	Unit
Power dissipation (*1)	P	200	mW
Junction temperature	Tj	150	°C
Storage temperature	Tstg	-55 to +150	°C

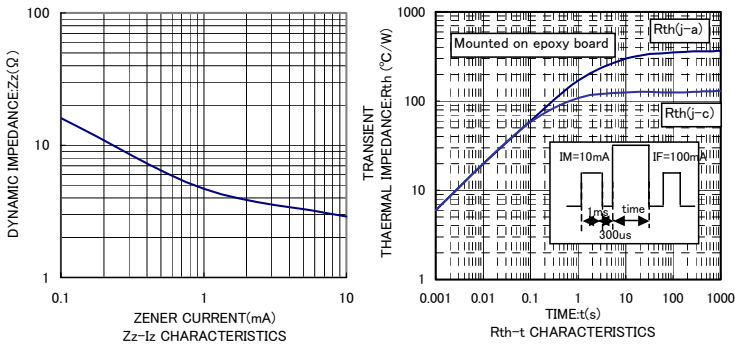
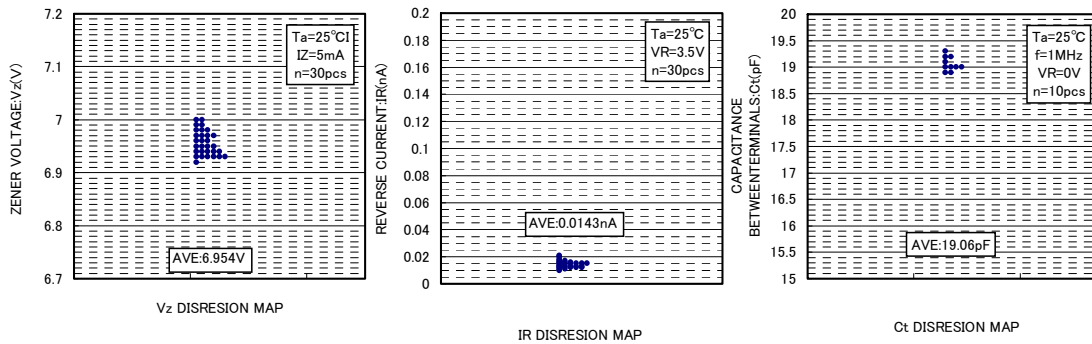
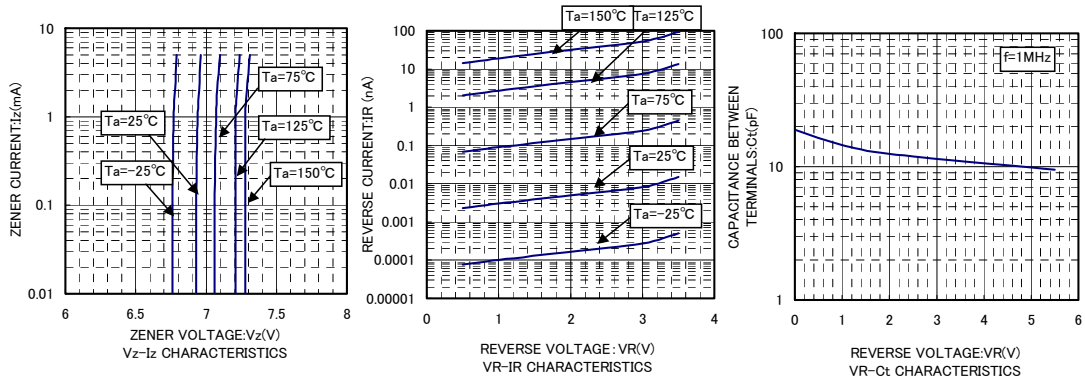
(*1) Total of 2 elements

●Electrical characteristics (Ta=25°C)

Parameter	Symbol	Min.	Typ.	Max.	Unit	Conditions
Zener voltage	Vz	6.47	-	7.14	V	Iz=5mA
Reverse current	IR	-	-	0.50	μA	VR=3.5V
Operating resistance	Zz	-	-	40	Ω	Iz=5mA

Diodes

●Electrical characteristic curves (Ta=25°C)



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