

Zener Diode

UMZ6.8N

●Applications

Constant voltage control
(Anode common twin type)

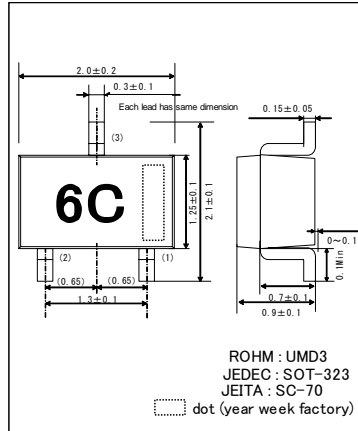
●Features

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

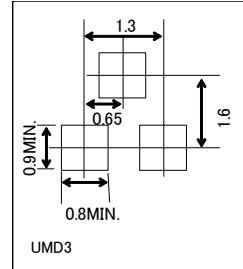
●Construction

Silicon epitaxial planar

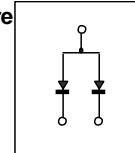
●External dimensions (Unit : mm)



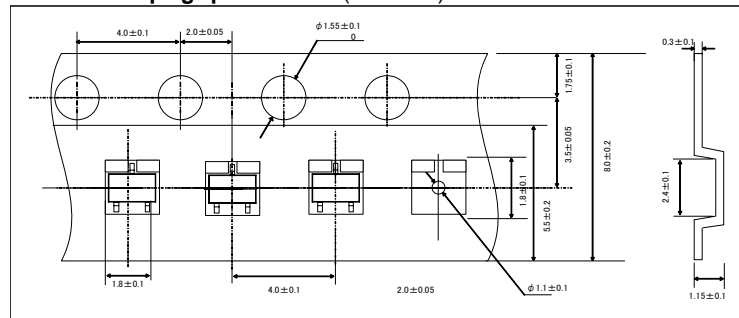
●Land size figure (Unit : mm)



●Structure



●Taping specifications (Unit : mm)



●Absolute maximum ratings (Ta=25°C)

Parameter	Symbol	Limits	Unit
Power dissipation (*1)	P	200	mW
Junction temperature	T _j	150	°C
Storage temperature	T _{stg}	-55 to +150	°C

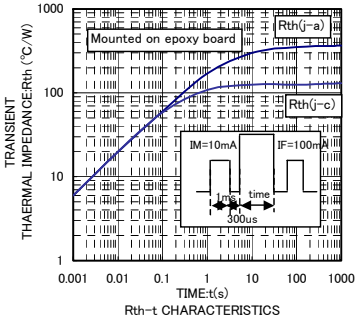
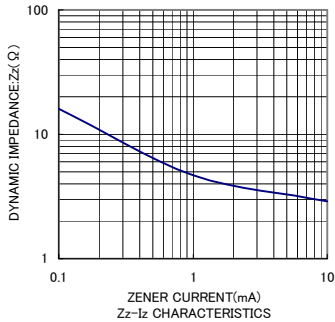
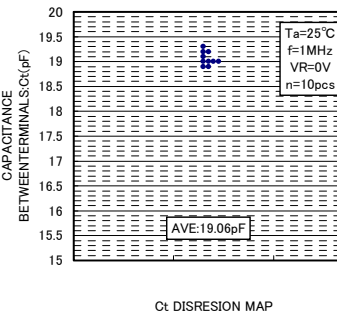
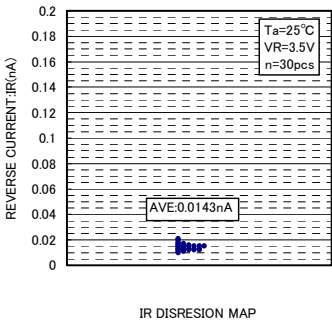
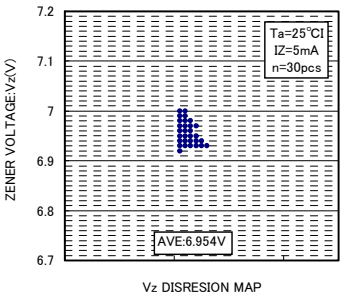
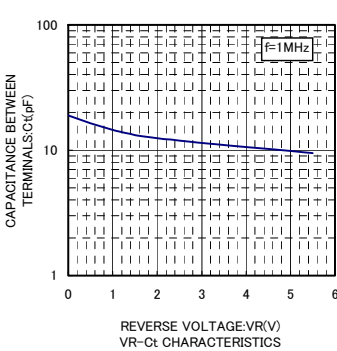
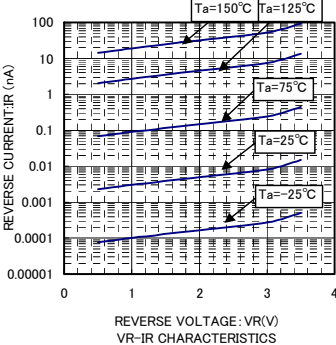
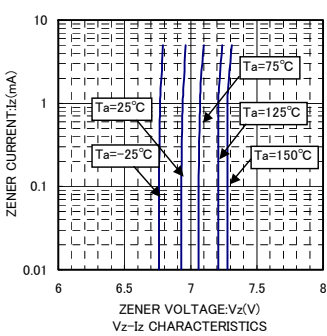
(*1) Total of 2 elements

●Electrical characteristics (Ta=25°C)

Parameter	Symbol	Min.	Typ.	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
Operating resistance	Z _Z	-	-	40	Ω	I _Z =5mA

Diodes

● Electrical characteristic curves (Ta=25°C)



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