

Zener diode

UMZ5.1N

● Applications

Voltage regulation
(common anode dual chips)

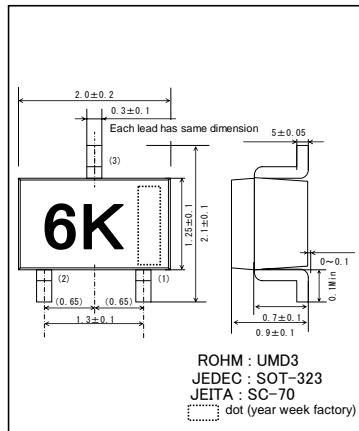
● Features

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

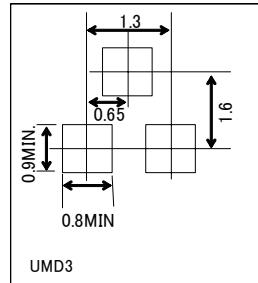
● Construction

Silicon epitaxial planar

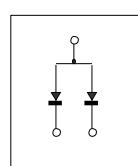
● Dimensions (Unit : mm)



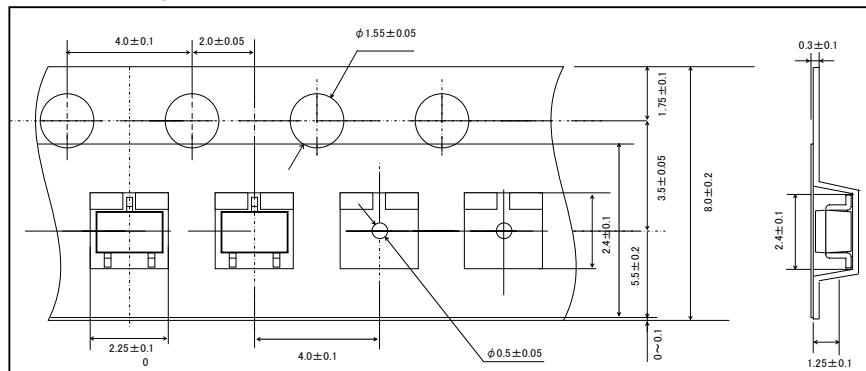
● Land size figure



● Structure



● Taping dimensions (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

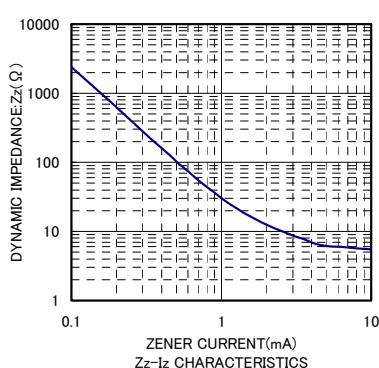
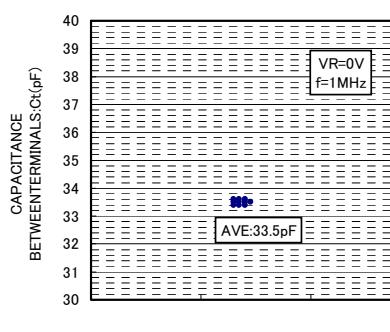
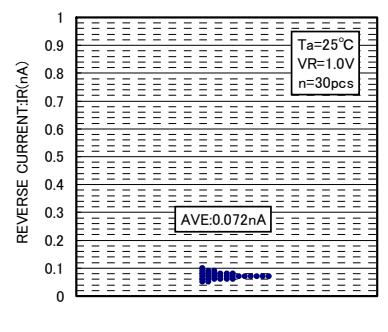
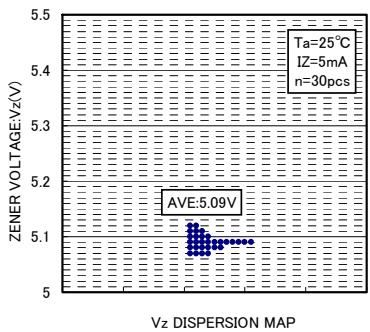
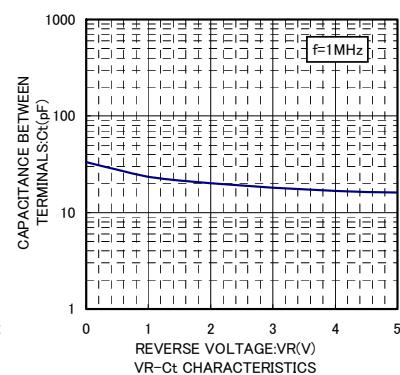
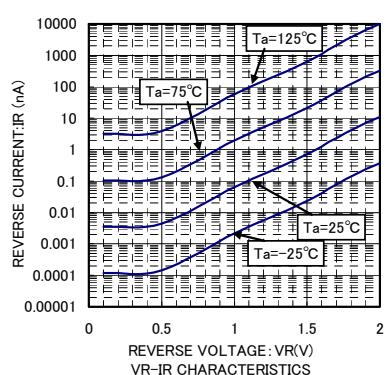
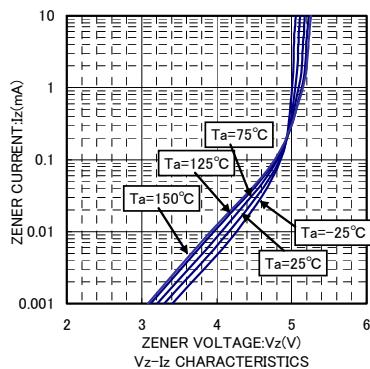
(*1) Total of 2 elements

● Electrical characteristic (Ta=25°C)

Parameter	Symbol	Min.	Typ.	Max.	Unit	Conditions
Zener voltage	V _Z	4.84	-	5.37	V	I _Z =5mA
Reverse current	I _R	-	-	2.0	μA	V _R =1.5V

Diodes

● Electrical characteristic curves



Appendix

Notes

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