

ESD Protection Diode

UMZC6.8N

● Applications

ESD Protection
(common anode configuration)

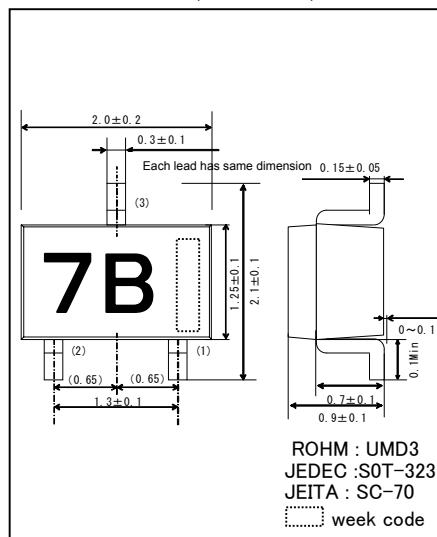
● Features

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

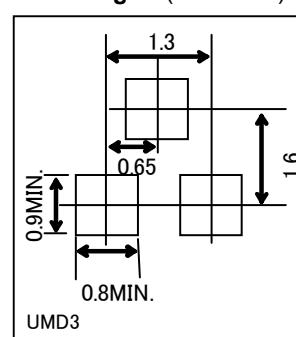
● Construction

Silicon epitaxial planar

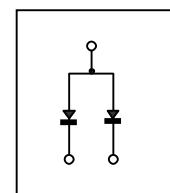
● Dimensions (Unit : mm)



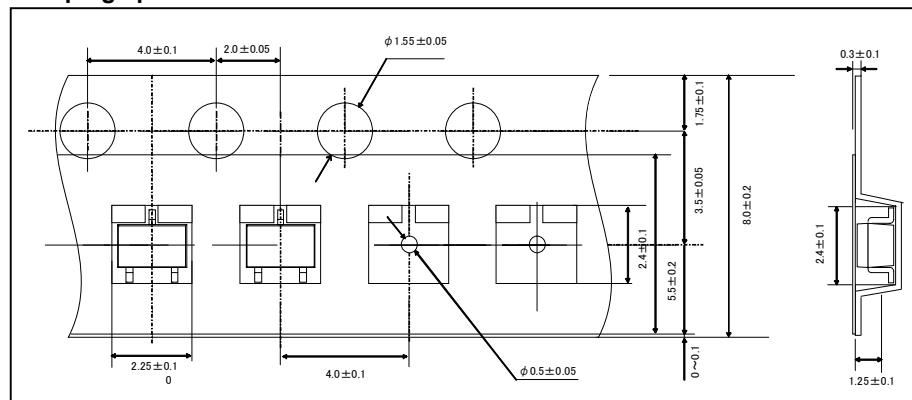
● Land size figure (Unit : mm)



● Structure



● Taping specifications (Unit : mm)



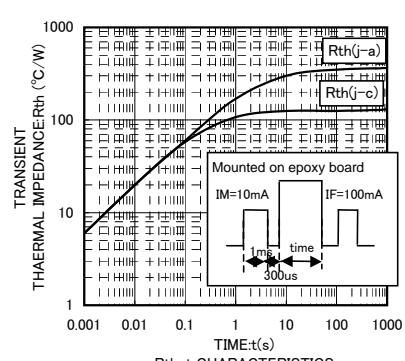
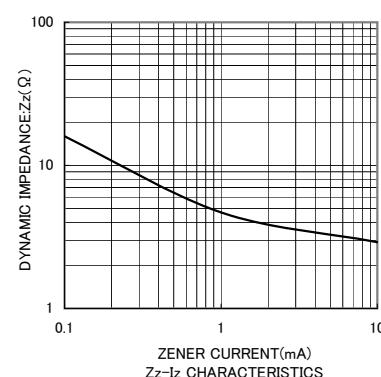
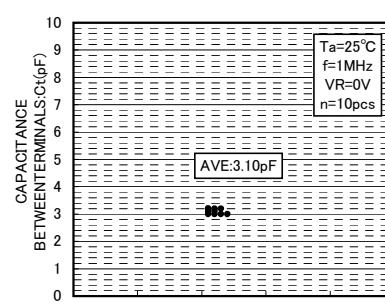
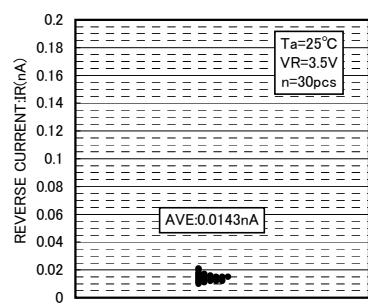
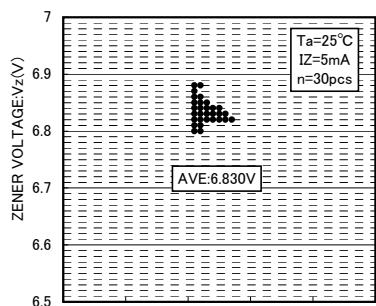
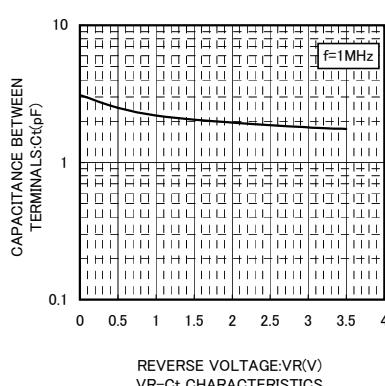
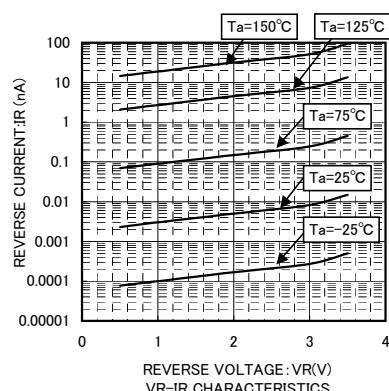
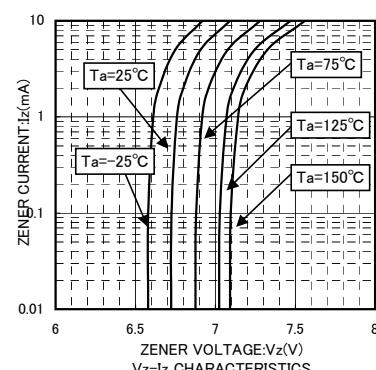
● Absolute maximum ratings (Ta=25°C)

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

● Electrical characteristic (Ta=25°C) (* Rating of per diode)

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
Capacitance between terminals	C _t	-	3	-	pF	V _R =0V, f=1MHz

● Electrical characteristic curves



Notes

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