

# Bi direction ESD Protection diode

## RSBC6.8CS

**●Applications**

ESD Protection,bi direction

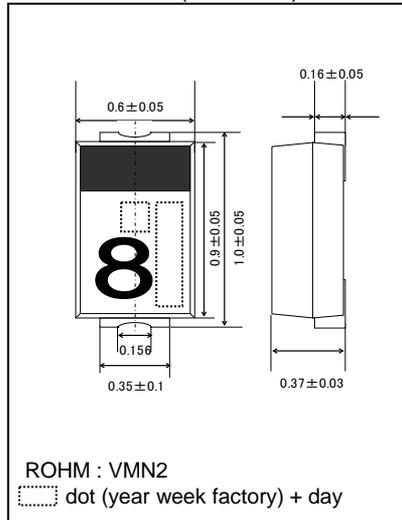
**●Features**

- 1)Ultra small mold type.(VMN2)
- 2)Ultra low capacitance.
- 3)High reliability.

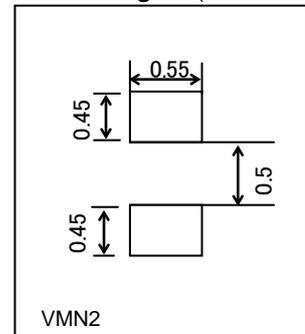
**●Construction**

Silicon epitaxial planar

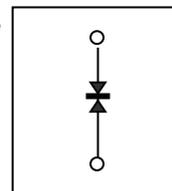
**●Dimensions (Unit : mm)**



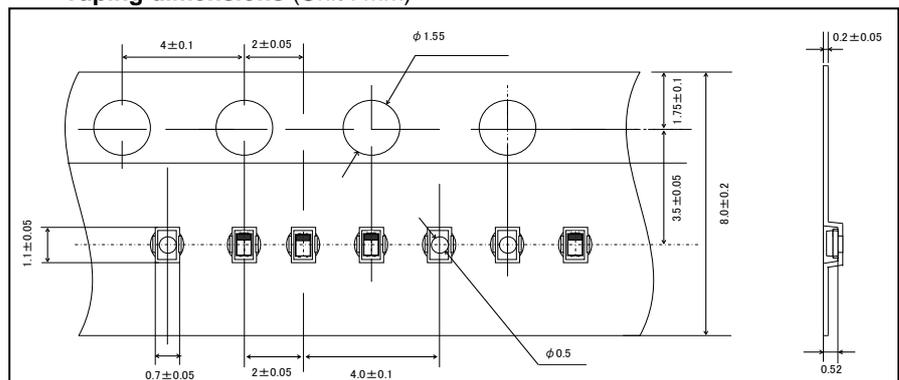
**●Land size figure (Unit : mm)**



**●Structure**



**●Taping dimensions (Unit : mm)**

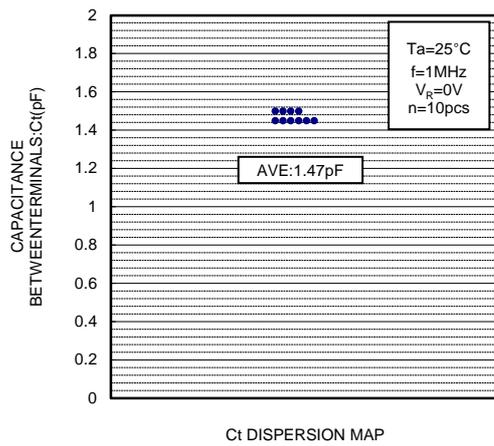
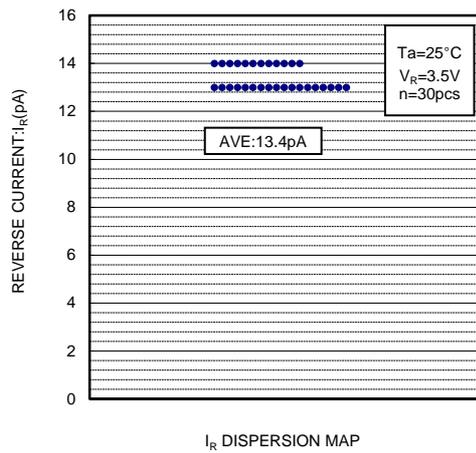
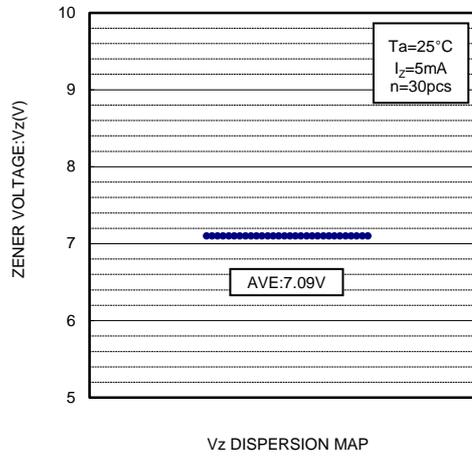
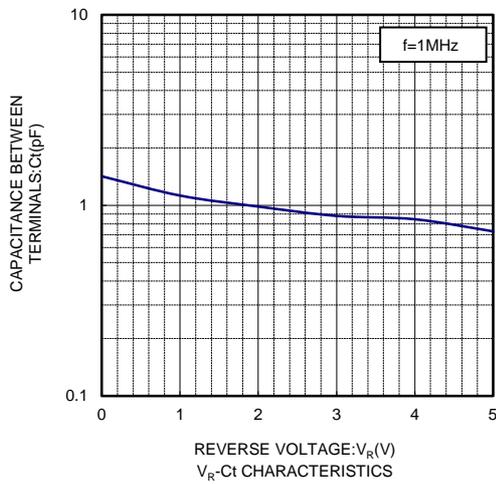
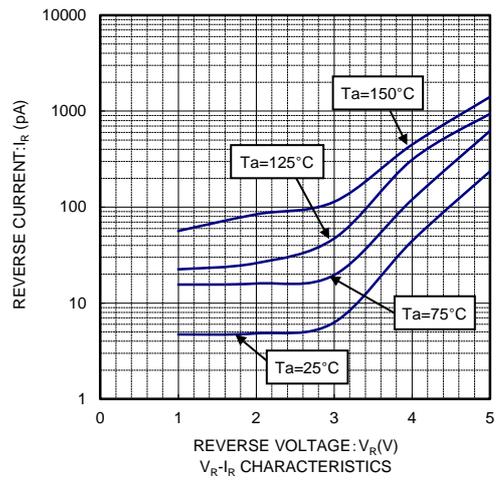
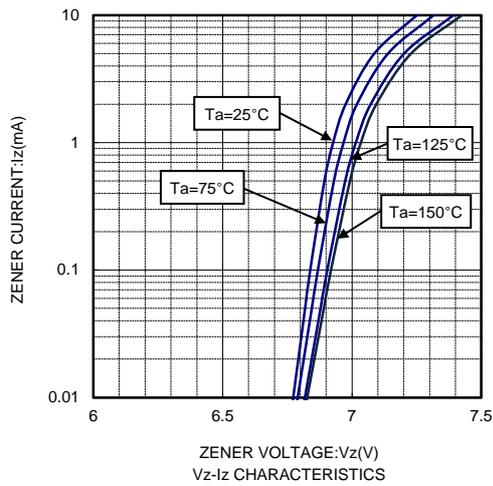


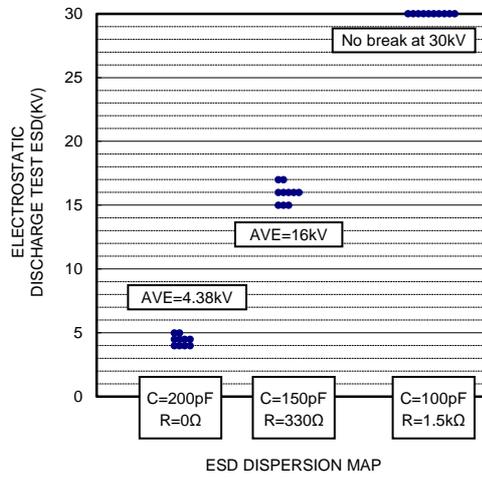
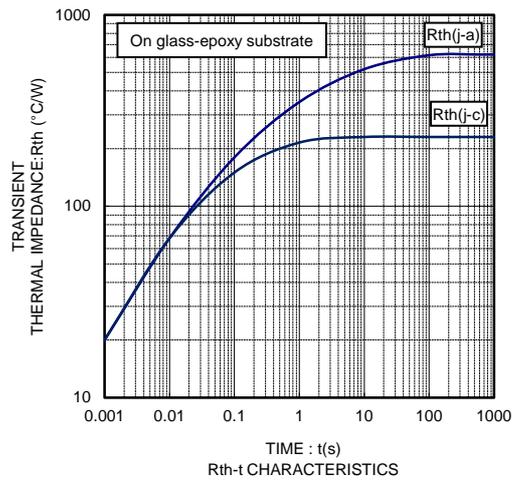
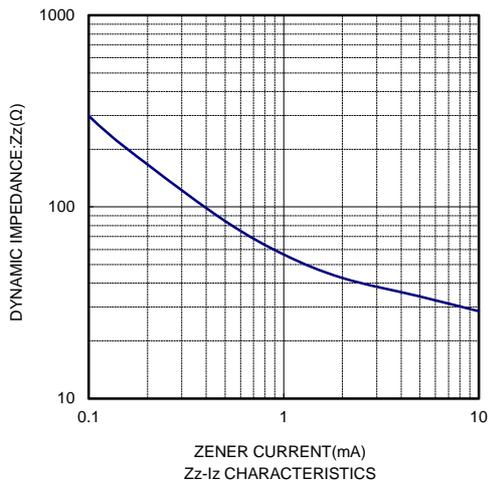
**●Absolute maximum ratings (Ta=25°C)**

Parameter	Symbol	Limits	Unit
Power dissipation	Pd	100	mW
Junction temperature	Tj	150	°C
Storage temperature	Tstg	-55 to +150	°C

**●Electrical characteristics (Ta=25°C)**

Parameter	Symbol	Min.	Typ.	Max.	Unit	Conditions
Zener voltage	Vz	6.62	-	7.24	V	Iz=5mA
Reverse current	IR	-	-	0.5	μA	VR=3.5V
Capacitance between terminals	Ct	-	1.0	-	pF	VR=0V, f=1MHz





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