

Schottky barrier diode

RB886G

●Applications

High frequency detection

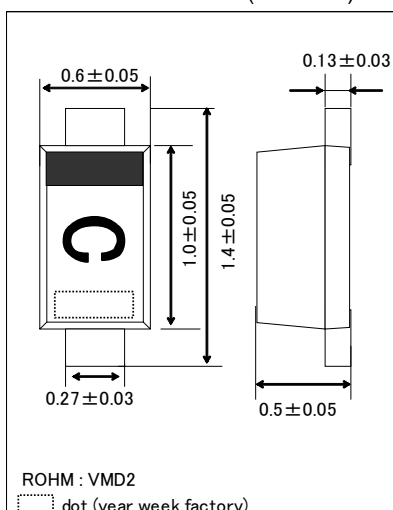
●Features

- 1) Small mold type. (VMD2)
- 2) Low Ct and high detection efficiency.

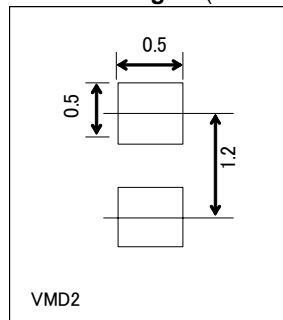
●Construction

Silicon epitaxial planar

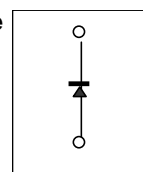
●External dimensions (Unit : mm)



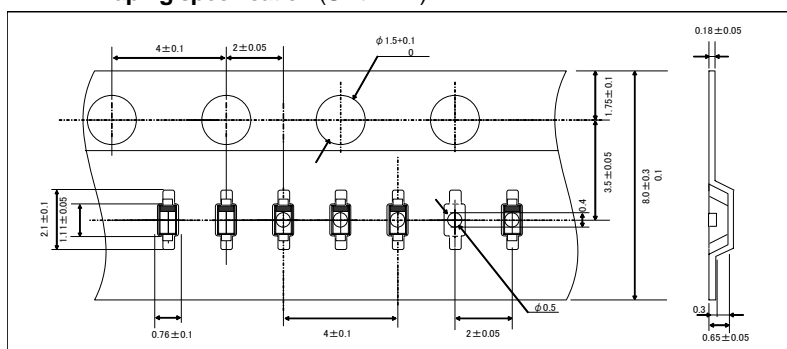
●Land size figure (Unit : mm)



●Structure



●Taping specification (Unit : mm)



●Absolute maximum ratings (Ta=25°C)

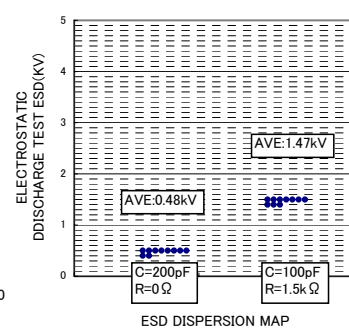
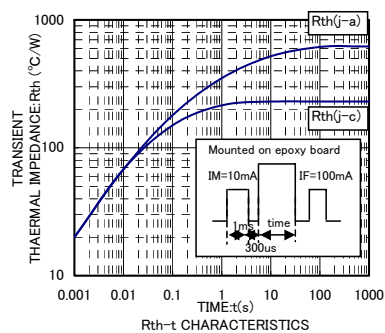
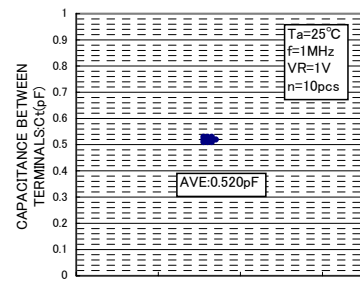
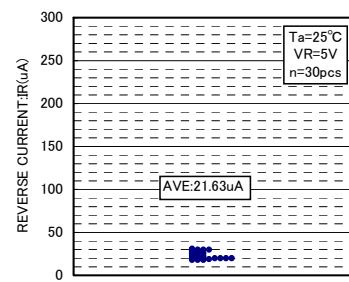
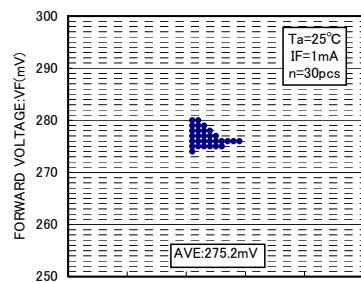
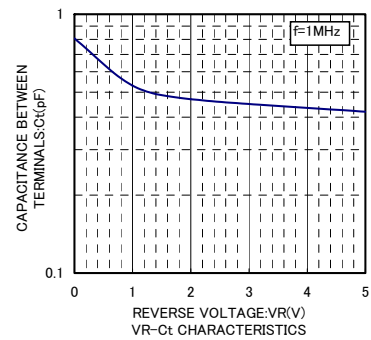
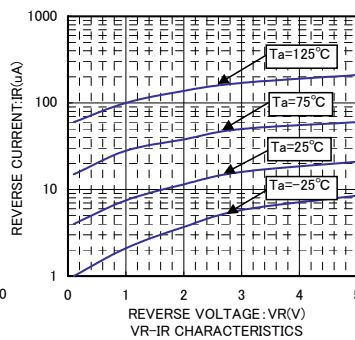
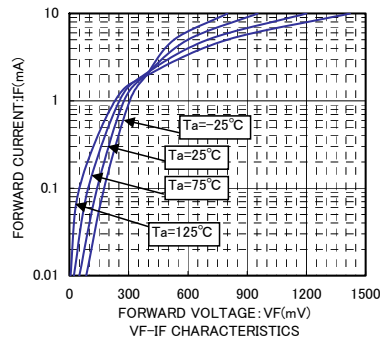
Parameter	Symbol	Limits	Unit
Reverse voltage	V_{Rm}	15	V
Reverse voltage	V_R	5	V
Forward current	I_F	10	mA
Junction temperature	T_j	125	°C
Storage temperature	T_{stg}	-40 to +125	°C

●Electrical characteristics (Ta=25°C)

Parameter	Symbol	Min.	Typ.	Max.	Unit	Conditions
Forward voltage	V_F	-	-	0.35	V	$I_F=1\text{mA}$
Reverse current	I_R	-	-	120	μA	$V_R=5\text{V}$
Capacitance between terminals	C_t	-	0.53	0.8	pF	$V_R=1\text{V}$, $f=1\text{MHz}$

Diodes

●Electrical characteristic curves (Ta=25°C)



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