

# Schottky barrier diode

# RB886G

## ●Applications

## High frequency detection

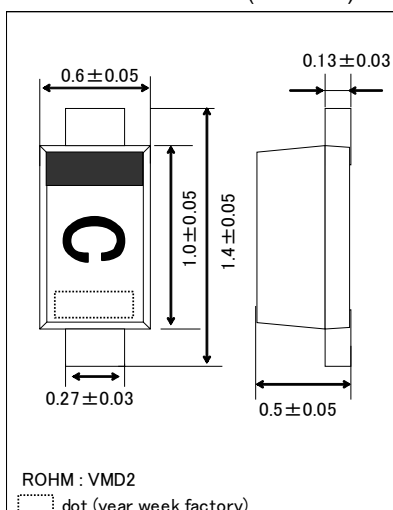
## ●Features

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

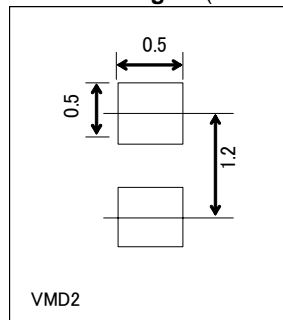
## ●Construction

Silicon epitaxial planar

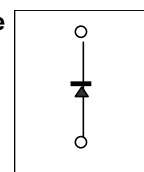
●External dimensions (Unit : mm)



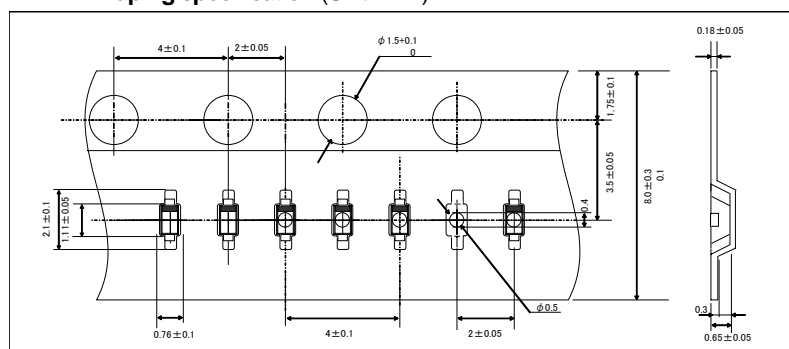
●Land size figure (Unit : mm)



### ● Structure



●Taping specification (Unit : mm)



●Absolute maximum ratings (Ta=25°C)

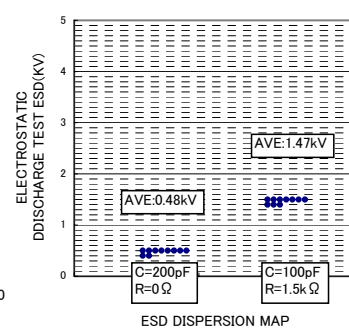
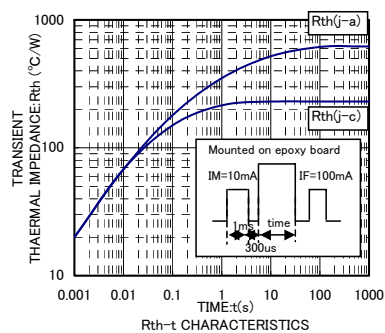
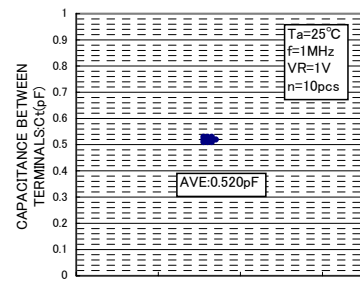
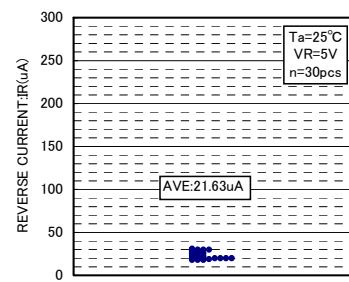
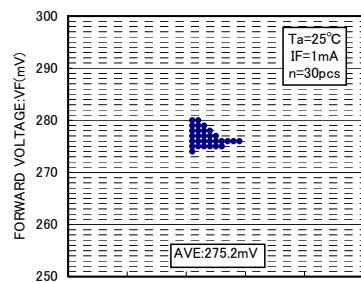
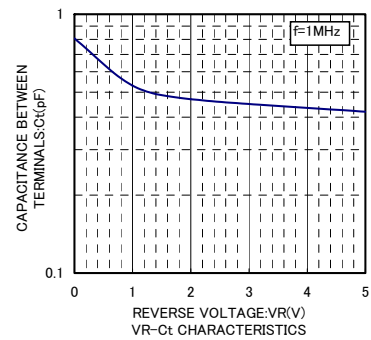
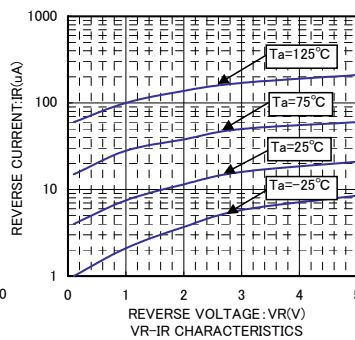
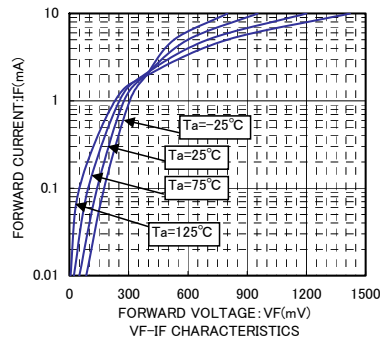
Parameter	Symbol	Limits	Unit
Reverse voltage	$V_{Rm}$	15	V
Reverse voltage	$V_R$	5	V
Forward current	$I_F$	10	mA
Junction temperature	$T_j$	125	°C
Storage temperature	$T_{stg}$	-40 to +125	°C

### ●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	$\mu\text{A}$	$V_R=5\text{V}$
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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