Schottky barrier diode RB886G

Applications

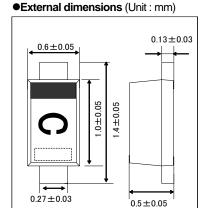
High frequency detection

● Features

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

● Construction

Silicon epitaxial planar



VMD2

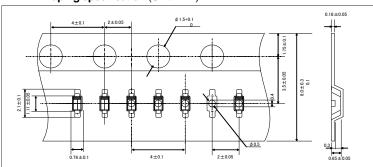
●Land size figure (Unit : mm)

•Structure

●Taping specification (Unit:mm)

dot (year week factory)

ROHM: VMD2



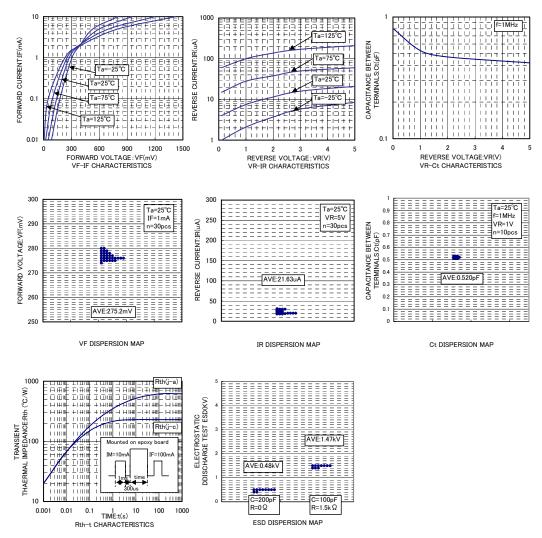
● Absolute maximum ratings (Ta=25°C)

Parameter	Symbol	Limits	Unit				
Reverse voltage	V_{Rm}	15	V				
Reverse voltage	V_R	5	V				
Forward current	I _F	10	mA				
Junction temperature	Tj	125	°C				
Storage temperature	Tstg	-40 to +125	°C				

●Electrical characteristics (Ta=25°C)

Parameter	Symbol	Min.	Тур.	Max.	Unit	Conditions
Forward voltage	V_{F}	-	-	0.35	V	I _F =1mA
Reverse current	I _R	-	-	120	μΑ	$V_R=5V$
Capacitance between terminals	Ct	-	0.53	0.8	pF	V _R =1V , f=1MHz

●Electrical characteristic curves (Ta=25°C)



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Appendix1-Rev1.1