Schottky barrier diode

RB521G-30

Application

Rectifying small power

Features

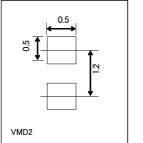
- 1) Ultra small mold type. (VMD2)
- 2) Low VF
- 3) High reliability

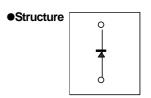
Construction

Silicon epitaxial planer

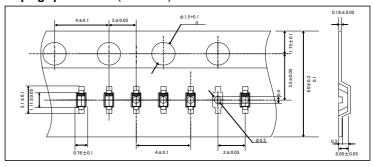
•External dimensions (Unit : mm) 0.13±0.03 0.13±0.03 0.13±0.03 0.13±0.03 0.13±0.03 ROHM : VMD2 iiii dot (year week factory)

●Land size figure (Unit : mm)





● Taping specification (Unit: mm)



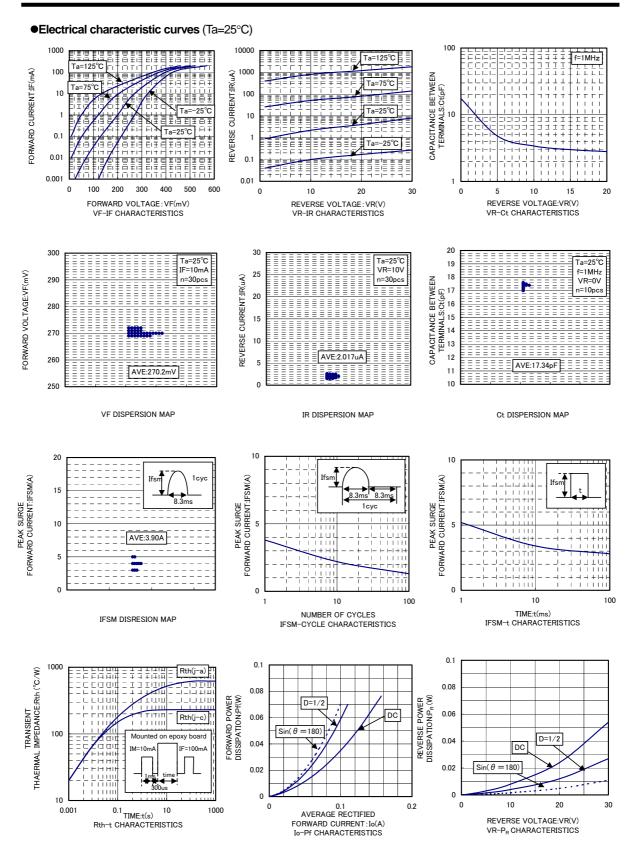
● Absolute maximum ratings (Ta=25°C)

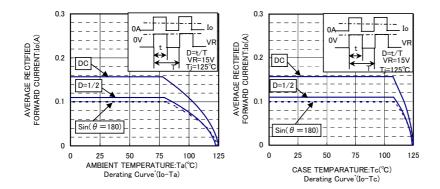
Parameter	Symbol	Limits	Unit			
Reverse voltage (DC)	V_R	30	V			
Average rectified forward current	lo	100	mA			
Forward current surge peak (60Hz-1cyc)	I _{FSM}	500	mA			
Junction temperature	Tj	125	°C			
Storage temperature	Tstg	-40 to +125	°C			

●Electrical characteristics (Ta=25°C)

Parameter	Symbol	Min.	Тур.	Max.	Unit	Conditions
Forward voltage	V_{F}	-	-	0.35	V	I _F =10mA
Reverse current	I _R	-	-	10	μA	V _R =10V







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