

Schottky barrier diode

RB521CS-30

Applications

Low current rectification

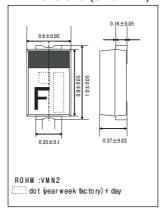
Features

- 1) Ultra Small power mold type (VMN2)
- 2) Low V_F
- 3) High reliability

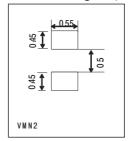
Structure

Silicon epitaxial planer

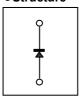
●Dimensions (Unit:mm)



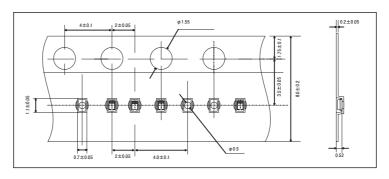
●Land size figure (Unit : mm)



●Structure



●Taping dimensions (Unit : mm)



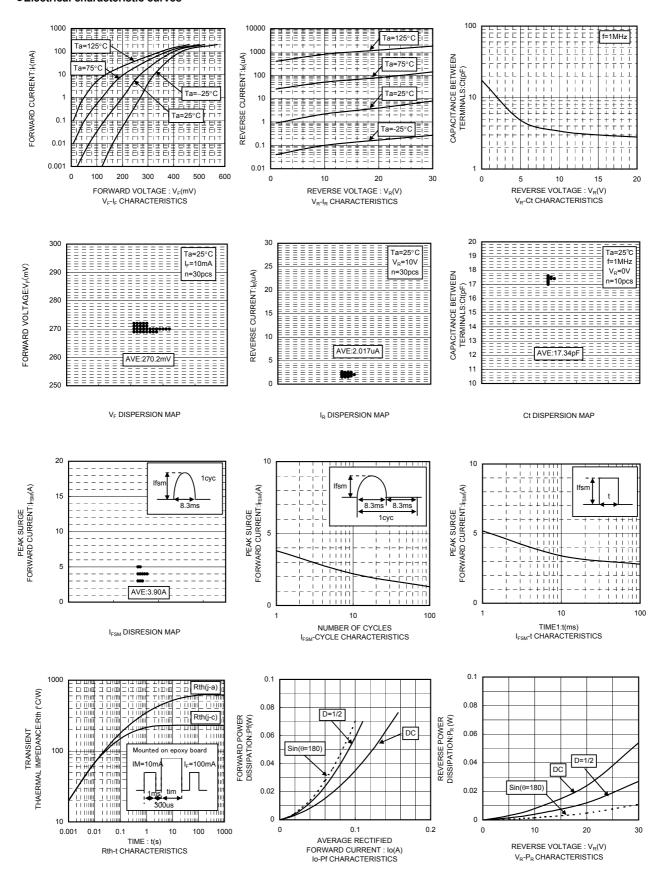
●Absolute maximum ratings (Ta=25°C)

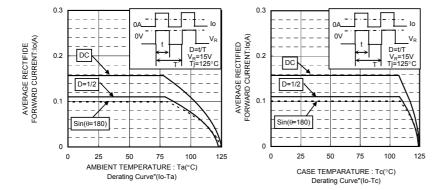
Parameter	Symbol	Limits	Unit
Reverse voltage (DC)	V_R	30	V
Average rectifierd forward current	lo	100	mA
Forward current surge peak (60Hz/1cyc)	I _{FSM}	500	mA
Junction temperature	Tj	150	°C
Storage temperature	Tstg	-40 to +150	°C

●Electrical characteristic (Ta=25°C)

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

•Electrical characteristic curves





Notes

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