Schottky barrier diode RB521CS-30

Applications

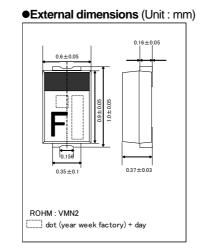
Low current rectification

● Features

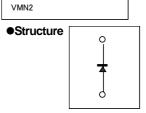
- Ultra Small power mold type (VMN2)
- 2) Low VF
- 3) High reliability

●Structure

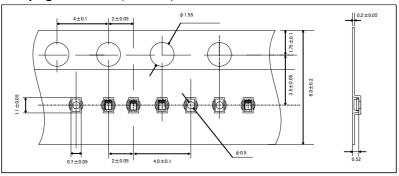
Silicon epitaxial planer



•Land size figure (Unit : mm)



●Taping dimensions (Unit: mm)



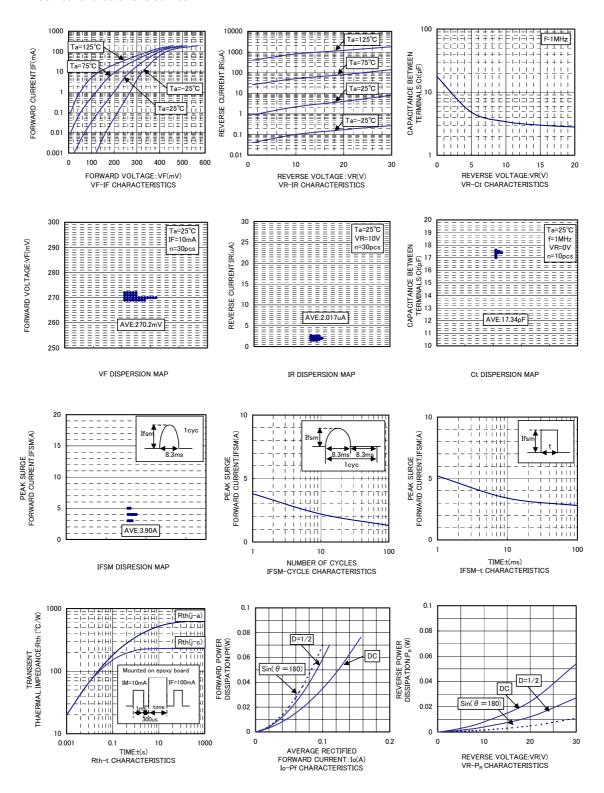
● Absolute maximum ratings (Ta=25°C)

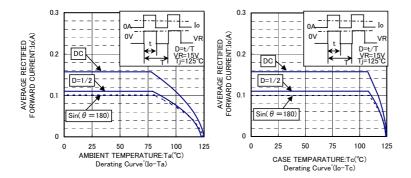
Tribodiate maximum ratings (14–25 0)							
Parameter	Symbol	Limits	Unit				
Reverse voltage (DC)	V_R	30	V				
Average rectifierd forward current	lo	100	mA				
Forward current surge peak (60Hz-1cyc)	I _{FSM}	500	mA				
Junction temperature	Tj	150	°C				
Storage temperature	Tstg	-40 to +125	°C				

●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





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