

Schottky Barrier Diode

RB521SM-30

Applications

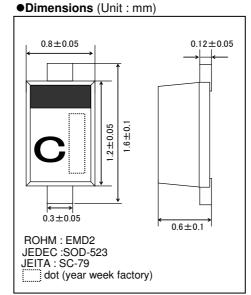
Small current rectification

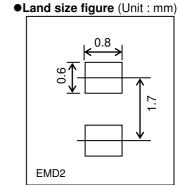
Features

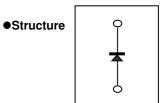
- 1)Ultra small mold type. (EMD2)
- 2)Low V_F
- 3)High reliability

Construction

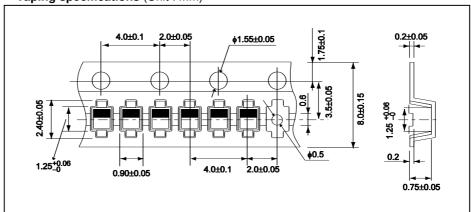
Silicon epitaxial







●Taping specifications (Unit : mm)

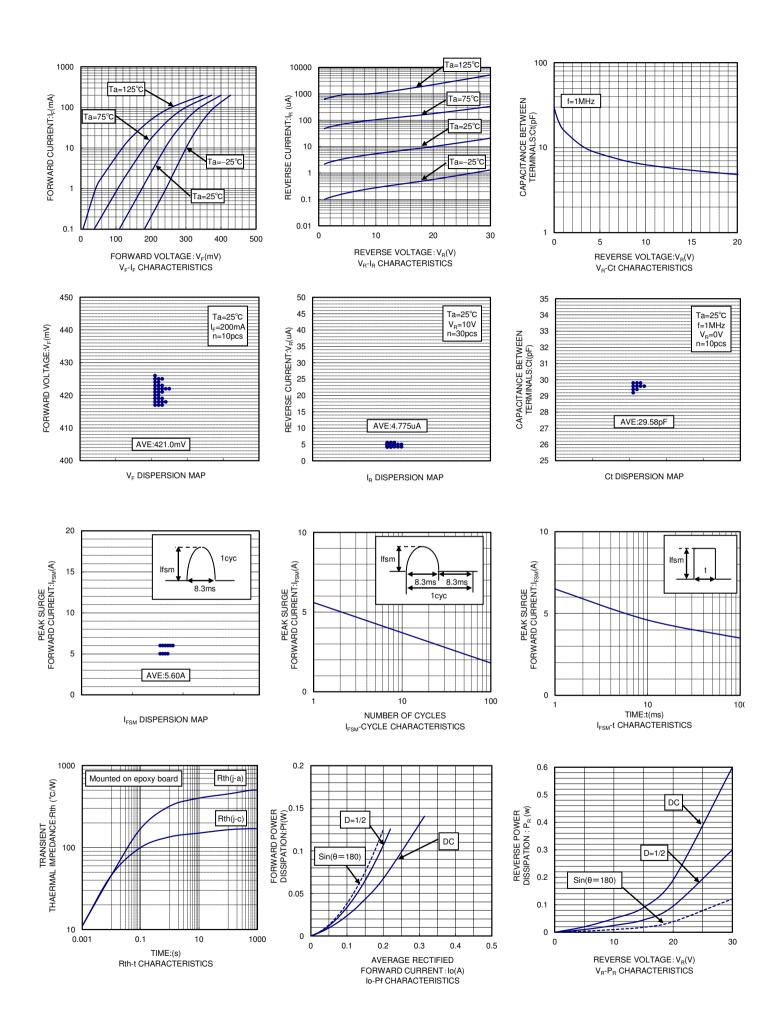


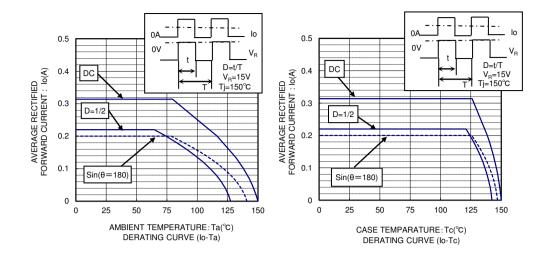
●Absolute maximum ratings (Ta=25 °C)

Parameter	Symbol	Limits	Unit
Reverse voltage (DC)	V_R	30	V
Average rectified forward current	lo	200	mA
Forward current surge peak (60Hz • 1cyc)	I _{FSM}	1	Α
Junction temperature	Tj	150	℃
Storage temperature	Tstg	-40 to +150	℃

●Electrical characteristics (Ta=25°C)

Parameter	Symbol	Min.	Тур.	Max.	Unit	Conditions	
Forward voltage	V_{F1}	-	-	0.47	V	I _F =200mA	
	V_{F2}	-	-	0.41	V	I _F =100mA	
Reverse current	I_R	-	-	30	μA	V _R =10V	





Notes

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