

Schottky Barrier Diode

RB531S-30

Applications

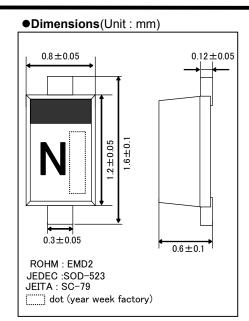
General rectification

● Features

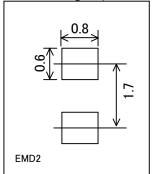
- 1)Ultra small mold type.(EMD2)
- 2)Low V_F
- 3)High reliability

Construction

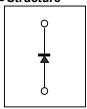
Silicon epitaxial planer



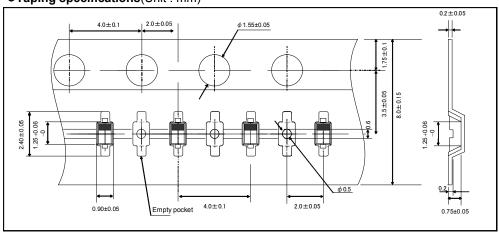
●Land size figure(Unit : mm)







●Taping specifications(Unit:mm)



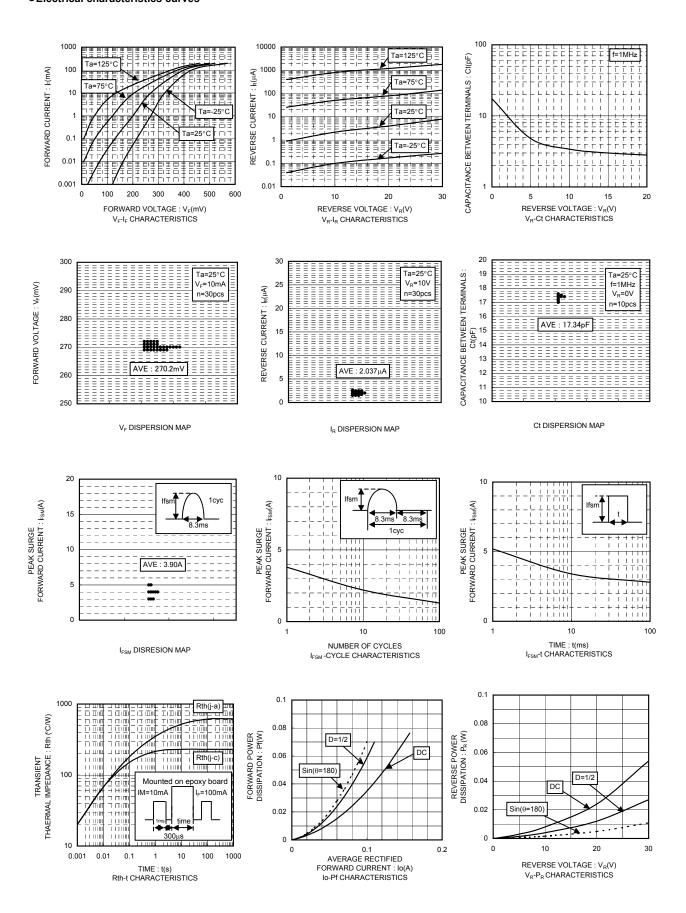
●Absolute maximum ratings(Ta=25°C)

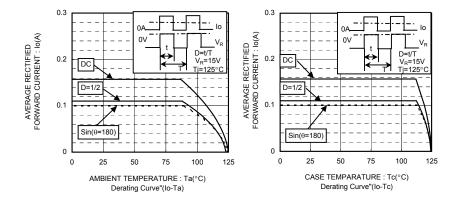
Parameter	Symbol	Limits	Unit
Reverse voltage(DC)	V_R	30	V
Average rectified forward current	lo	100	mA
Forward current surge peak(60Hz/1cyc)	I _{FSM}	500	mA
Junction temperature	Tj	125	°C
Storage temperature	Tstg	-40to+125	°C

●Electical voltage(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

•Electrical characteristics curves





Notes

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