Schottky barrier diode RB081L-20

Applications

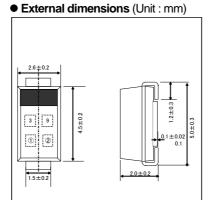
General rectification

Features

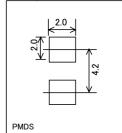
- 1) Small power mold type. (PMDS)
- 2) Low V_F , Low I_R .
- 3) High reliability.

Construction

Silicon epitaxial planar



• Land size figure (Unit : mm)



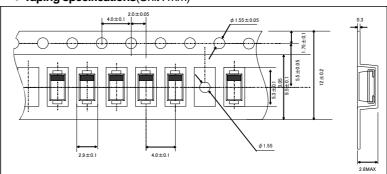
Structure



Taping specifications(Unit : mm)

Manufacuture Date

ROHM: PMDS JEDEC: SOD-106



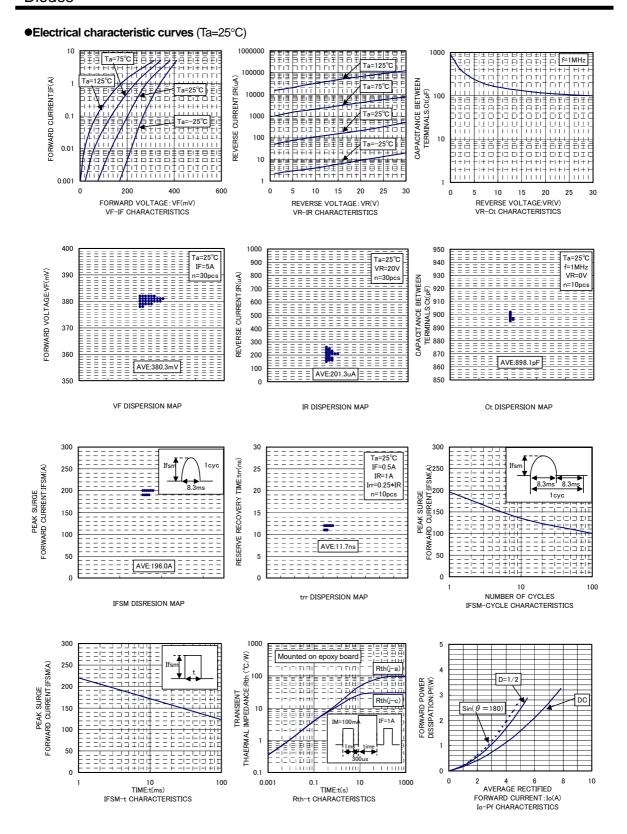
● Absolute maximum ratings (Ta=25°C)

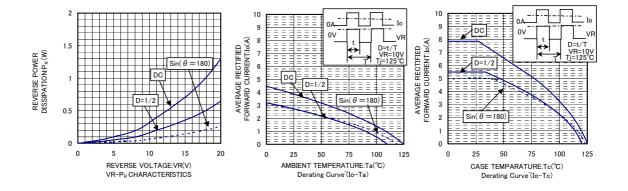
Parameter	Symbol	Limits	Unit				
Reverse voltage (repetitive peak)	V_{RM}	25	V				
Reverse voltage (DC)	V_R	20	V				
Average rectified forward current (*1)	lo	5	Α				
Forward current surge peak (60Hz•1cyc)	I_{FSM}	70	Α				
Junction temperature	Tj	125	°C				
Storage temperature	Tstg	-40 to +125	°C				

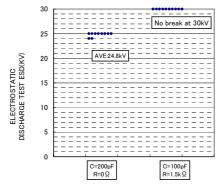
^(*1) Mounted on epoxy board. 180° Harf sine wave

●Electrical characteristics (Ta=25°C)

Parameter	Symbol	Min.	Тур.	Max.	Unit	Conditions
Forward voltage	V_{F}	-	-	0.45	V	I _F =0.5A
Reverse current	I_R	-	-	700	μA	V _R =20V







ESD DISPERSION MAP

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