Schottky barrier diode RB161VA-20

Applications

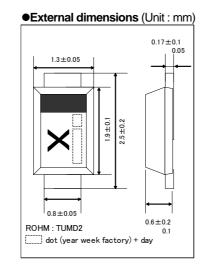
General rectification

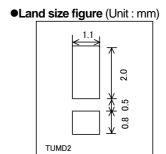
Features

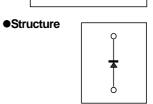
- Small power mold type (TUMD2)
- 2) Low V_F
- 3) High reliability

Structure

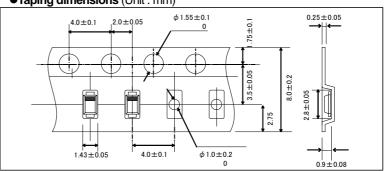
Silicon epitaxial planar







●Taping dimensions (Unit: mm)



● Absolute maximum ratings (Ta=25°C)

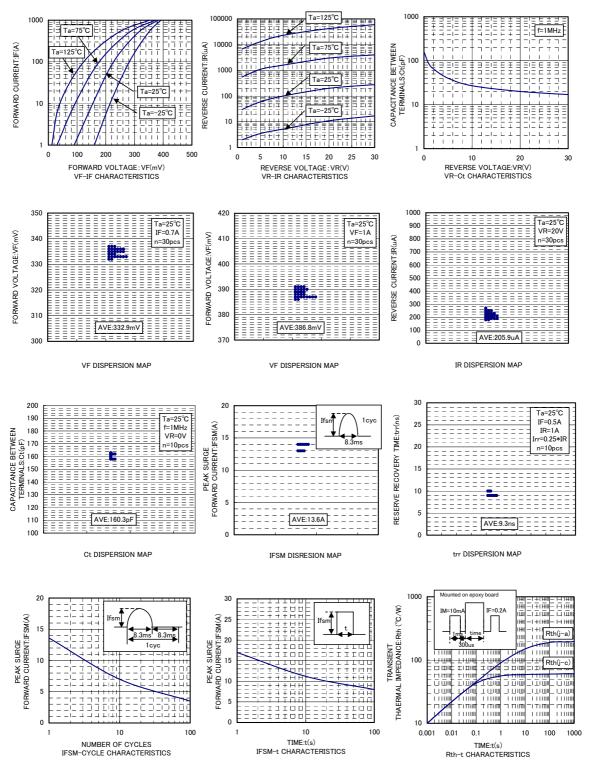
Absolute maximum ratings (1a=23 C)							
Parameter	Symbol	Limits	Unit				
Reverse voltage (repetitive peak)	V_{RM}	30	V				
Reverse voltage (DC)	V_R	20	V				
Average rectified forward current	lo	1	Α				
Forward current surge peak (60Hz • 1cyc)	I _{FSM}	5	Α				
Junction temperature	Tj	125	°C				
Storage temperature	Tstg	-40 to +125	°C				

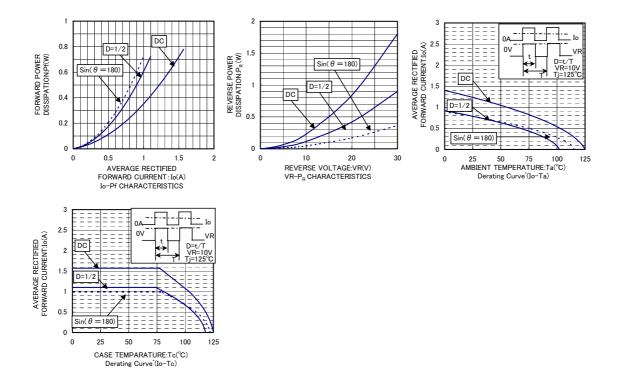
●Electrical characteristic (Ta=25°C)

Parameter	Symbol	Min.	Тур.	Max.	Unit	Conditions
Forward voltage	V_F1	-	0.33	0.37	V	I _F =700mA
	V _F 2	-	0.38	0.42	μA	I _F =1A
Reverse current	I_R	-	0.2	1	mA	V _R =20V



•Electrical characteristic curves





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