Schottky barrier diode RB021VA-90

Applications

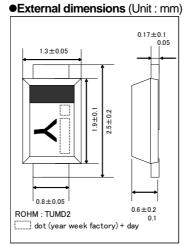
General rectification

● Features

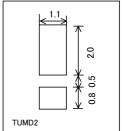
- Small power mold type (TUMD2)
- 2) Low V_F
- 3) High reliability

Structure

Silicon epitaxial planar



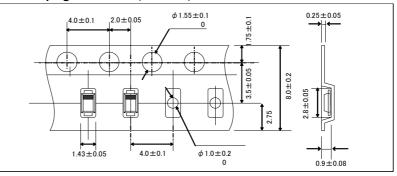
●Land size figure (Unit : mm)



Structure



●Taping dimensions (Unit : mm)



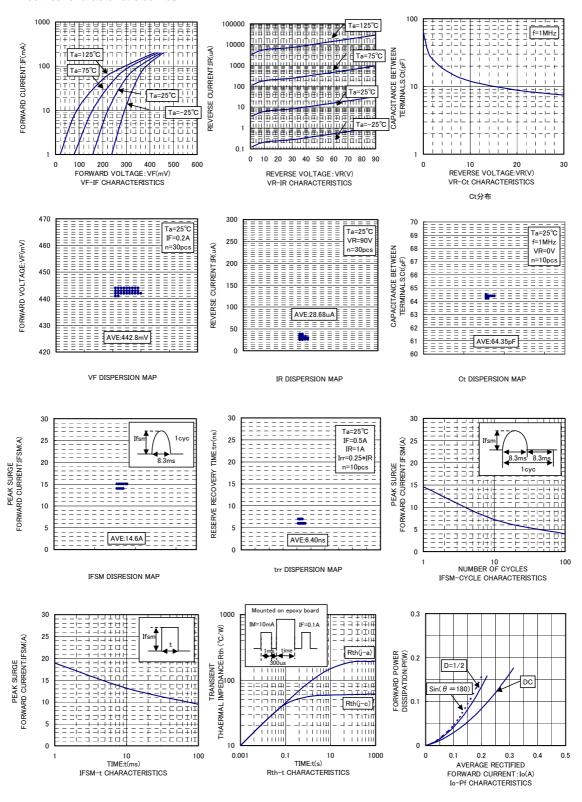
●Absolute maximum ratings (Ta=25°C)

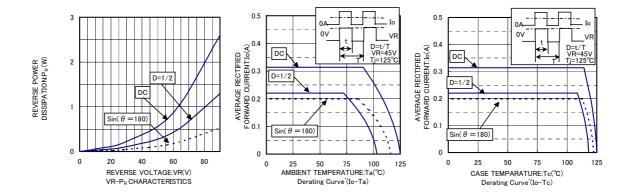
Absolute maximum ratings (1a-25 C)			
Parameter	Symbol	Limits	Unit
Reverse voltage (repetitive peak)	V_{RM}	90	V
Reverse voltage (DC)	V_R	90	V
Average rectified forward current	lo	0.2	Α
Forward current surge peak(60Hz · 1cyc)	I _{FSM}	5	Α
Junction temperature	Tj	125	°C
Storage temperature	Tstg	-40 to +125	°C

●Electrical characteristic (Ta=25°C)

Parameter	Symbol	Min.	Тур.	Max.	Unit	Conditions
Forward voltage	V_{F}	-	-	0.49	V	I _F =200mA
Reverse current	I _R	-	-	900	μA	V _R =90V

•Electrical characteristic curves





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