Schottky barrier diode RB481K

Applications

Low current rectification

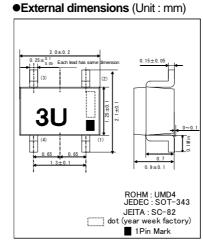
Features

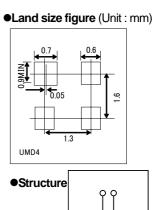
- 1) Ultra small mold type. (UMD4)
- 2) Low VF

3) High reliability.

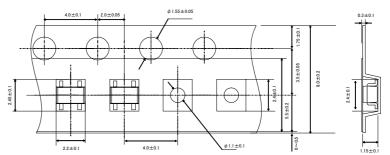
Construction

Silicon epitaxial planar





•Taping specification (Unit : mm)



•Absolute maximum ratings (Ta=25°C)

Parameter	Symbol	Limits	Unit
Reverse voltage (repetitive peak)	V _{RM}	30	V
Reverse voltage (DC)	V _R	30	V
Average rectified forward current (*1)	lo	200	mA
Forward current surge peak (60Hz · 1cyc) (*1)	I _{FSM}	1	А
Junction temperature	Tj	125	°C
Storage temperature	Tstg	-40 to +125	°C

(*1) Rating of per diode

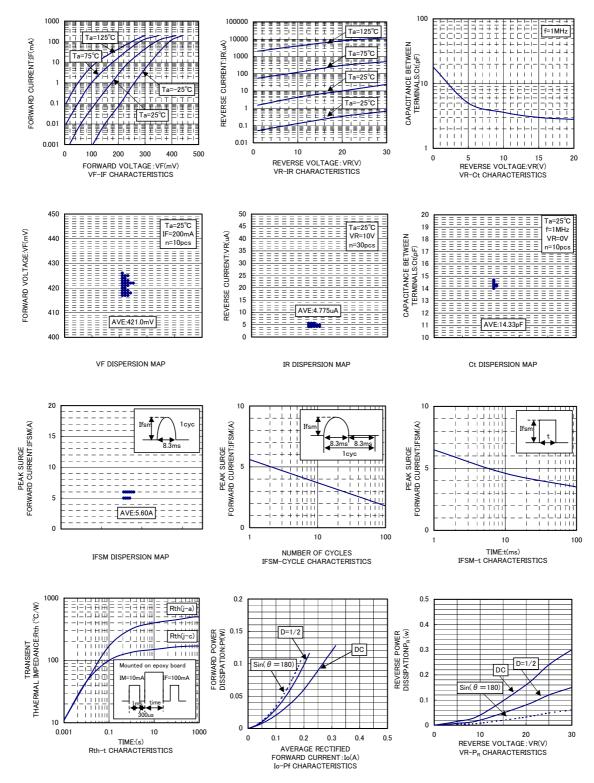
•Electrical characteristics (Ta=25°C)

Parameter	Symbol	Min.	Тур.	Max.	Unit	Conditions
Forward voltage	V _F 1	-	-	0.28	V	I _F =1mA
	V _F 2	-	-	0.33	V	I _F =10mA
	V _F 3	-	-	0.43	V	I _F =100mA
	V _F 4	-	-	0.50	V	I _F =200mA
Reverse current	I _R	-	-	30	μA	V _R =10V



Diodes

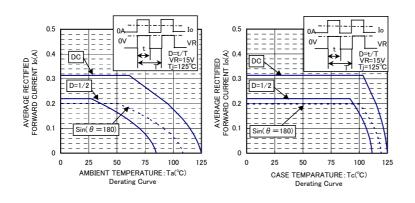




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Diodes





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