

Schottky Barrier Diode

RB461F

Applications

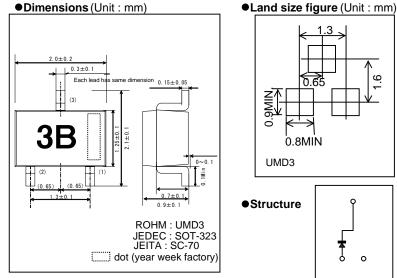
Low power rectification

Features

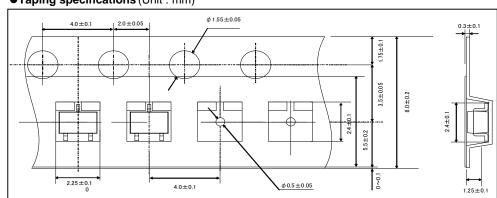
- 1)Small mold type. (UMD3)
- 2)Low V_{F.}
- 3)High reliability

Construction

Silicon epitaxial planer





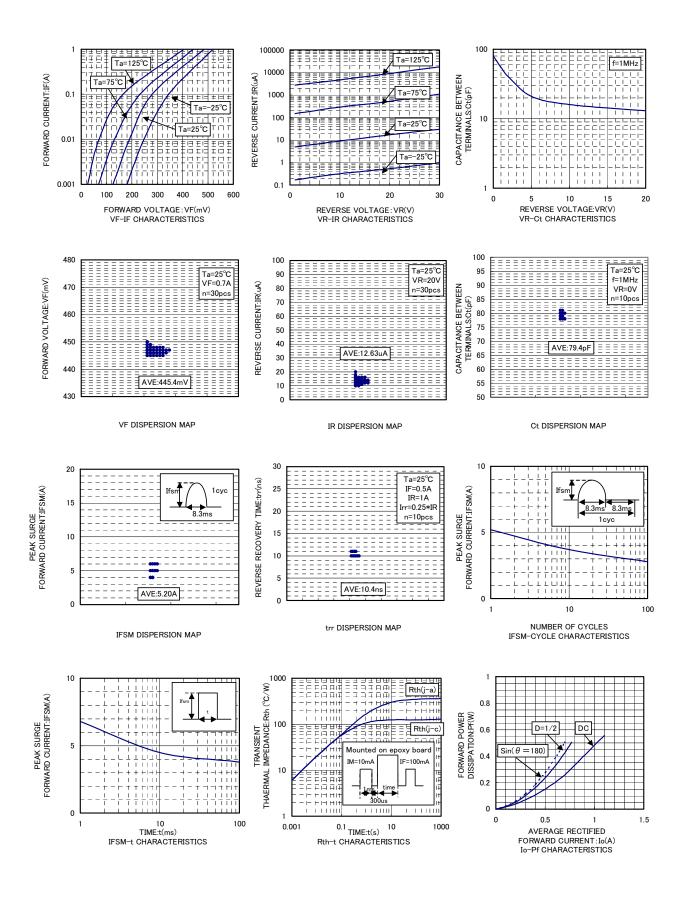


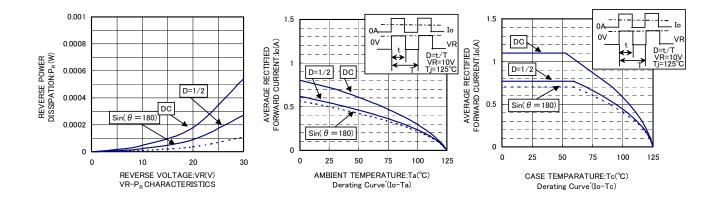
● Absolute maximum ratings (Ta=25°C)

Parameter	Symbol	Limits	Unit
Reverse voltage (repetitive)	V_{RM}	25	V
Reverse voltage (DC)	V_R	20	V
Average rectified forward current	lo	0.7	Α
Forward current surge peak (60Hz • 1cyc) (*1)	I _{FSM}	3	Α
Junction temperature	Tj	125	°C
Storage temperature	Tstg	-40 to +125	°C

●Electrical characteristics (Ta=25°C)

Parameter	Symbol	Min.	Тур.	Max.	Unit	Conditions
Forward voltage	V_{F}	-	-	0.49	V	I _F =700mA
Reverse current	I _R	-	-	200	μΑ	V _R =20V





Notes

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