Schottky barrier diode

RB461F

Applications

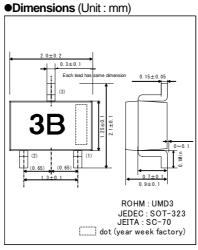
Low current rectification

Features

- 1) Small mold type. (UMD3)
- 2) Low VF.
- 3) High reliability.

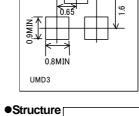
●Construction

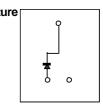
Silicon epitaxial planar

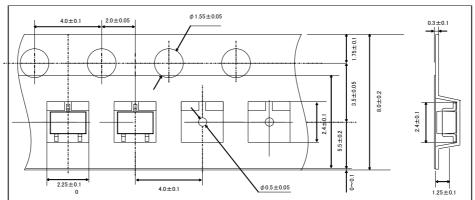


● Taping specifications (Unit: mm)

●Land size figure (Unit : mm)







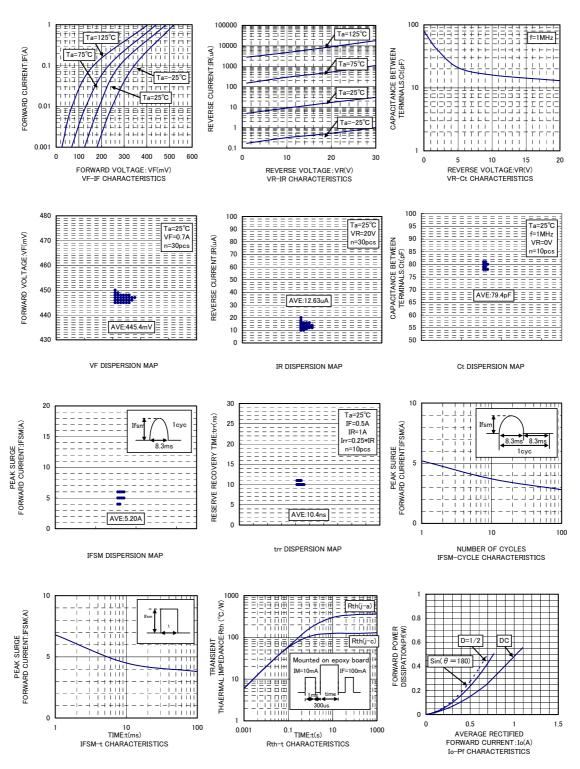
● Absolute maximum ratings (Ta=25°C)

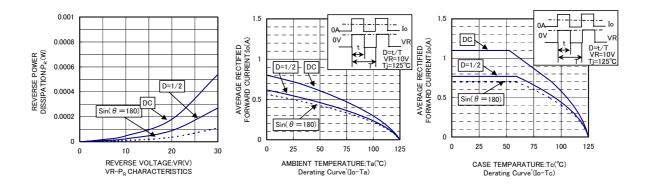
Parameter	Symbol	Limits	Unit
Reverse voltage (repetitive peak)	V_{RM}	25	V
Reverse voltage (DC)	V_R	20	V
Average rectified forward current (*1)	lo	0.7	Α
Forward current surge peak (60Hz·1cyc) (*1)	I _{FSM}	3	Α
Junction temperature	Tj	125	°C
Storage temperature	Tstg	-40 to +125	°C

●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

●Electrical characteristic curves (Ta=25°C)





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