# Schottky barrier diode

## RB461F

•Applications Low current rectification

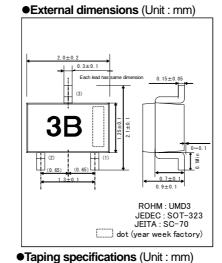
#### Features

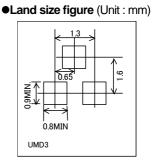
Small mold type. (UMD3)
Low VF.

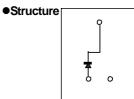
3) High reliability.

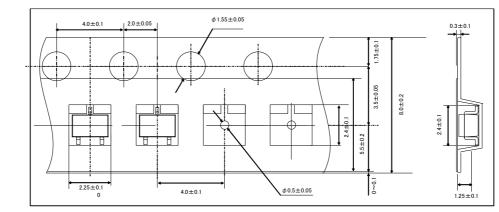
#### Construction

Silicon epitaxial planar









#### •Absolute maximum ratings (Ta=25°C)

Parameter	Symbol	Limits	Unit
Reverse voltage (repetitive peak)	V <sub>RM</sub>	25	V
Reverse voltage (DC)	V <sub>R</sub>	20	V
Average rectified forward current (*1)	lo	0.7	А
Forward current surge peak (60Hz · 1cyc) (*1)	I <sub>FSM</sub>	3	А
Junction temperature	Tj	125	°C
Storage temperature	Tstg	-40 to +125	°C

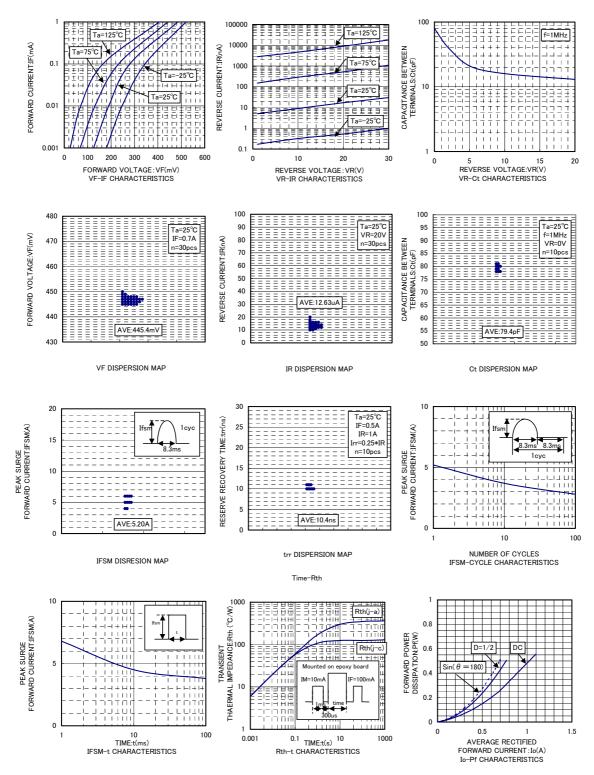
#### •Electrical characteristics (Ta=25°C)

Parameter	Symbol	Min.	Тур.	Max.	Unit	Conditions
Forward voltage	V <sub>F</sub>	-	-	0.49	V	I <sub>F</sub> =700mA
Reverse current	I <sub>R</sub>	-	-	200	μA	V <sub>R</sub> =20V

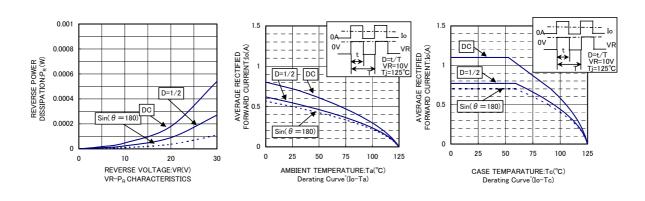


#### Diodes





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