Schottky barrier diode

RB461F

•Applications Low current rectification

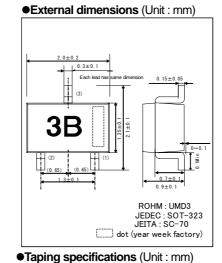
Features

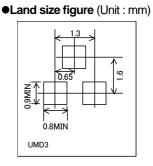
Small mold type. (UMD3)
Low VF.

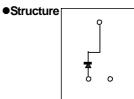
3) High reliability.

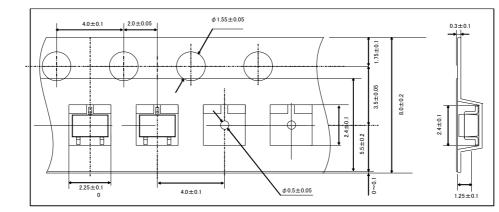
Construction

Silicon epitaxial planar









•Absolute maximum ratings (Ta=25°C)

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

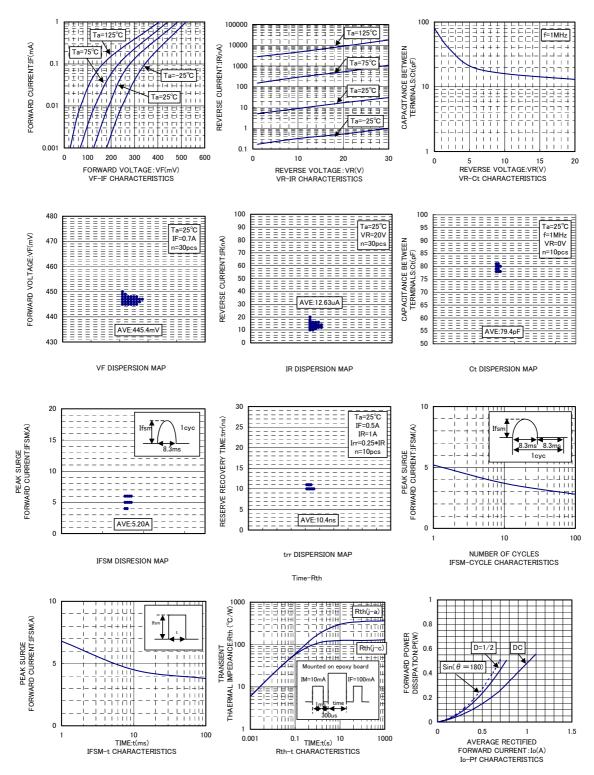
•Electrical characteristics (Ta=25°C)

Parameter	Symbol	Min.	Тур.	Max.	Unit	Conditions
Forward voltage	V _F	-	-	0.49	V	I _F =700mA
Reverse current	I _R	-	-	200	μA	V _R =20V

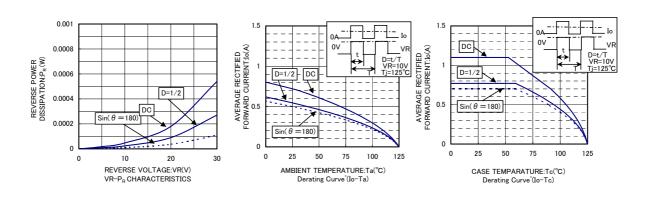


Diodes





Diodes



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