

Schottky Barrier Diode

RB162M-60

Applications

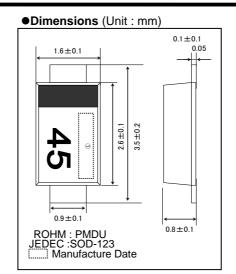
General rectification

Features

- 1)Small power mold type.(PMDU)
- 2)Low I_R
- 3)High reliability

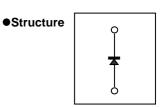
Construction

Silicon epitaxial planer

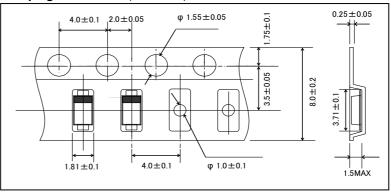


●Land size figure (Unit : mm)

PMDU



●Taping dimensions (Unit : mm)



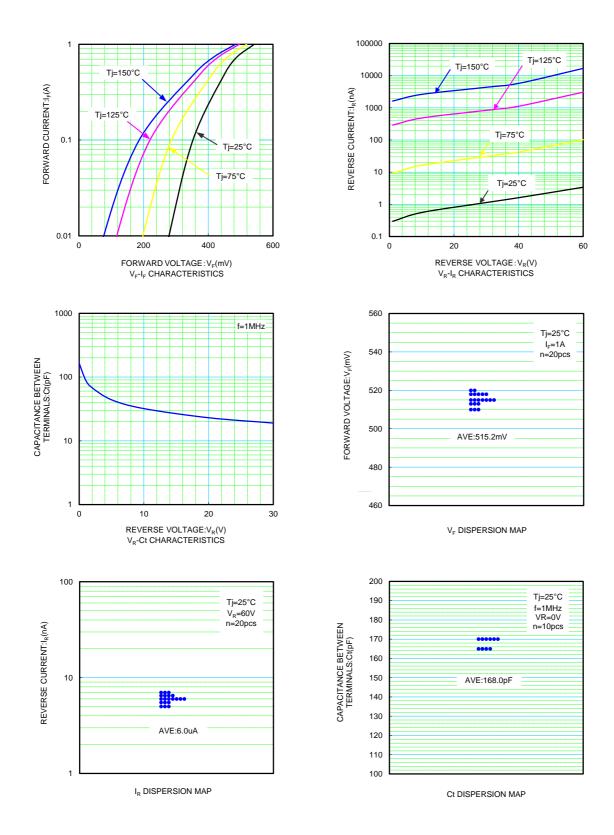
●Absolute maximum ratings (Ta=25°C)

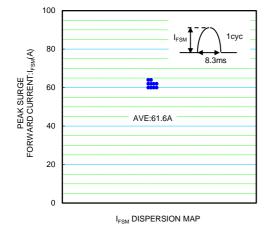
Parameter	Symbol	Limits	Unit
Reverse voltage (repetitive)	V_{RM}	60	V
Reverse voltage (DC)	V_R	60	V
Average rectified forward current (*1)	lo	1	Α
Forward current surge peak (60Hz • 1cyc)	I _{FSM}	20	Α
Junction temperature	Tj	150	°C
Storage temperature	Tstg	-40 to +150	°C

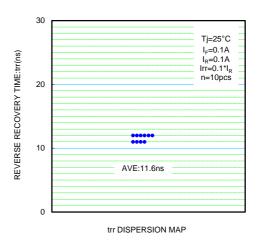
^(*1)Mounting on glass epoxi board Tc=90°C max.

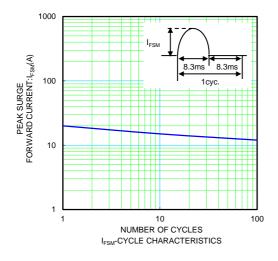
●Electrical characteristics (Ta=25°C)

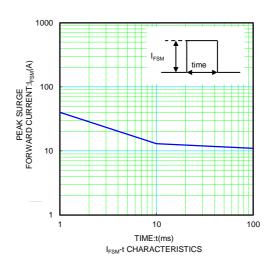
Parameter	Symbol	Min.	Тур.	Max.	Unit	Conditions
Forward voltage	V_{F}	-	-	0.65	V	I _F =1A
Reverse current	I _R	-	-	100	μA	V _R =60V

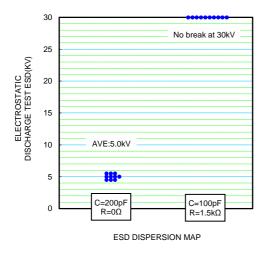


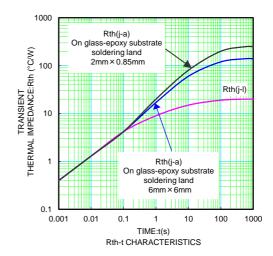


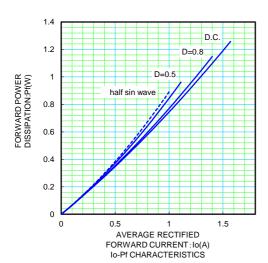


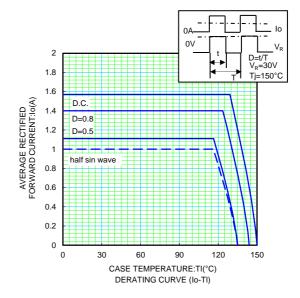












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