

Schottky Barrier Diode

RB168M-60

Applications

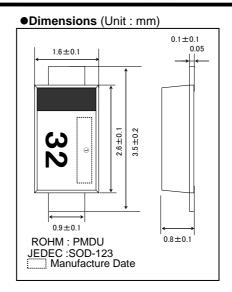
General rectification

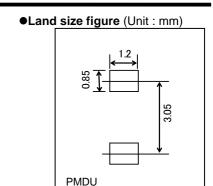
Features

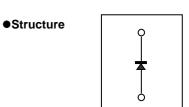
- 1)Small power mold type. (PMDU)
- 2)Low I_R
- 3)High reliability

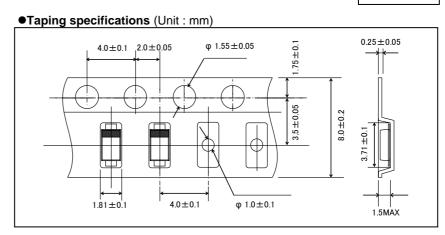
Construction

Silicon epitaxial









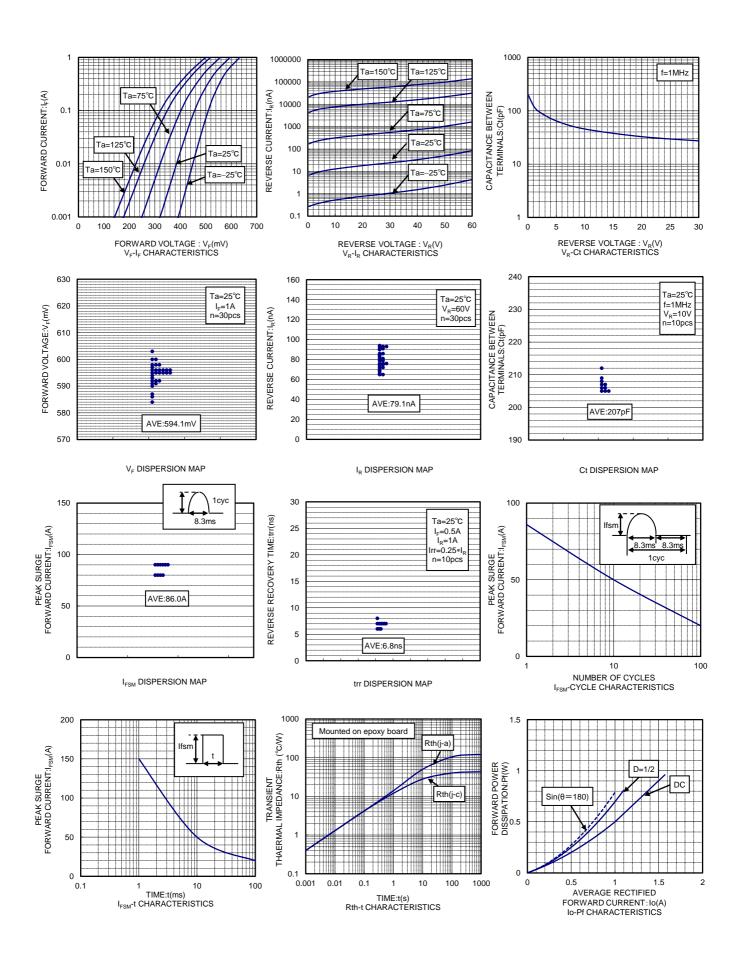
●Absolute maximum ratings (Ta=25°C)

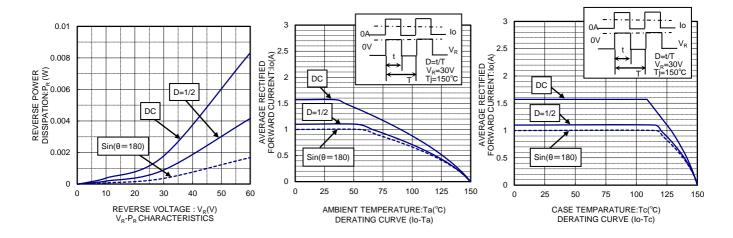
Parameter	Symbol	Limits	Unit
Reverse voltage (repetitive)	V_{RM}	60	V
Reverse voltage (DC)	V_R	60	V
Average rectified forward current (*1)	lo	1	Α
Forward current surge peak (60Hz • 1cyc)	I _{FSM}	30	Α
Junction temperature	Tj	150	°C
Storage temperature	Tstg	−55 to +150	°C

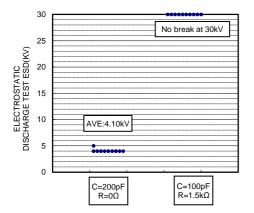
^(*1)Mounted on epoxy board. 180°Half sine wave

●Electrical characteristics (Ta=25°C)

Parameter	Symbol	Min.	Тур.	Max.	Unit	Conditions
Forward voltage	V_{F}	-	0.63	0.68	V	I _F =1.0A
Reverse current	I_R	-	0.10	1.5	μΑ	V _R =60V







ESD DISPERSION MAP

Notes

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