

# Schottky Barrier Diode

## **RB068L-60**

#### Applications

General rectification

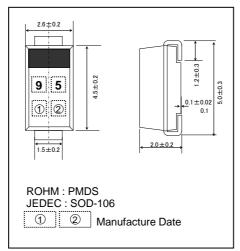
#### Features

- 1)Small power mold type.(PMDS)
- 2)High reliability
- 3)AEC-Q101 qualified

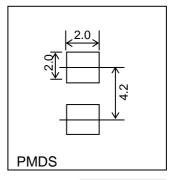
#### Construction

Silicon epitaxial

### ●External Dimensions(Unit : mm)



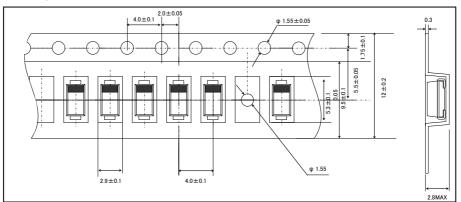
#### ●Land Size Figure(Unit: mm)







#### ●Taping Dimensions(Unit:mm)



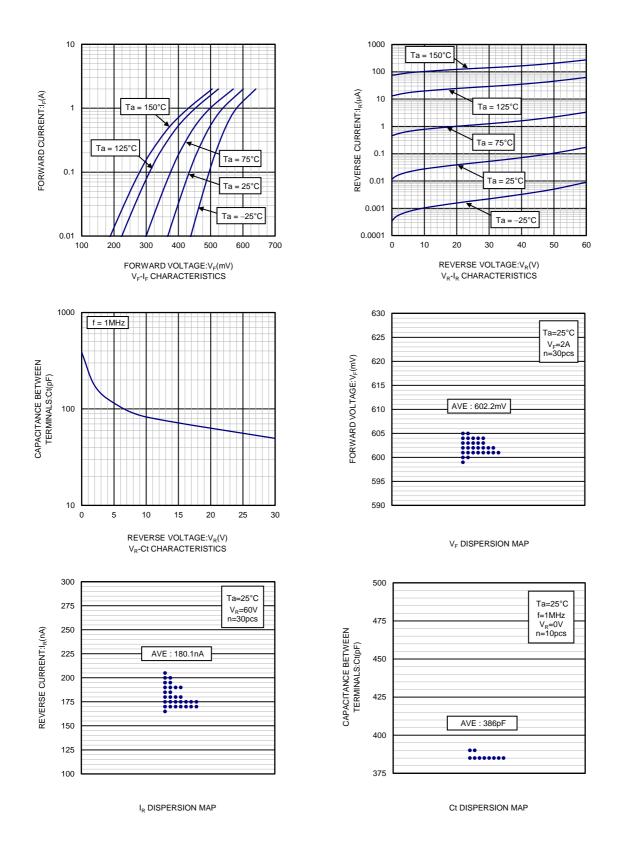
#### ● Absolute Maximum Ratings(Ta=25°C)

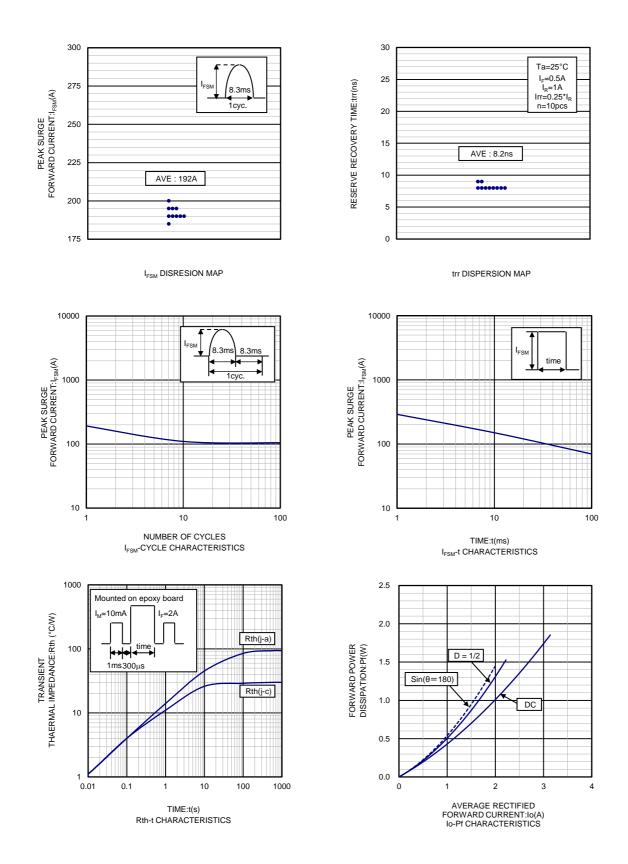
Parameter	Symbol	Limits	Unit
Reverse voltage (repetitive)	$V_{RM}$	60	V
Reverse voltage (DC)	$V_R$	60	V
Average rectified forward current (*1)	lo	2	Α
Forward current surge peak (60Hz·1cyc)	I <sub>FSM</sub>	40	Α
Junction temperature	Tj	150	°C
Storage temperature	Tstg	-55 to +150	°C

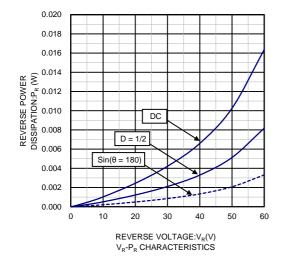
<sup>(\*1)</sup>Mounting on epoxi board. 180°Half sine wave

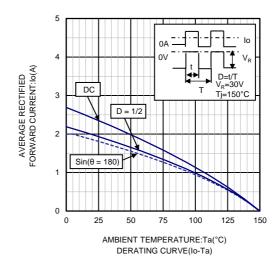
#### ● Electrical Characteristics (Ta=25°C)

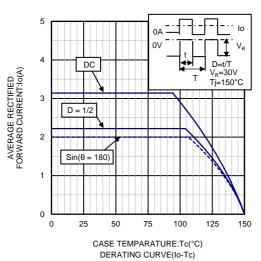
Parameter	Symbol	Min.	Тур.	Max.	Unit	Conditions
Forward voltage	$V_{F}$	-	-	0.70	V	I <sub>F</sub> =2.0A
Reverse current	I <sub>R</sub>	ı	ı	2.0	μΑ	V <sub>R</sub> =60V

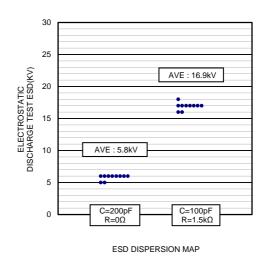












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