

# Schottky barrier diode

## RB201A60

**●Applications**

General rectification

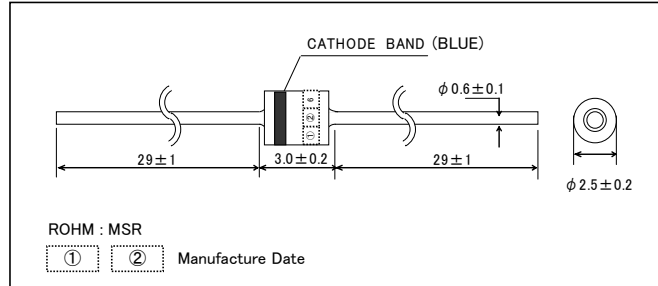
**●Features**

- 1) Cylindrical mold type.(MSR)
- 2) Low  $V_F$ .
- 3) High ESD.

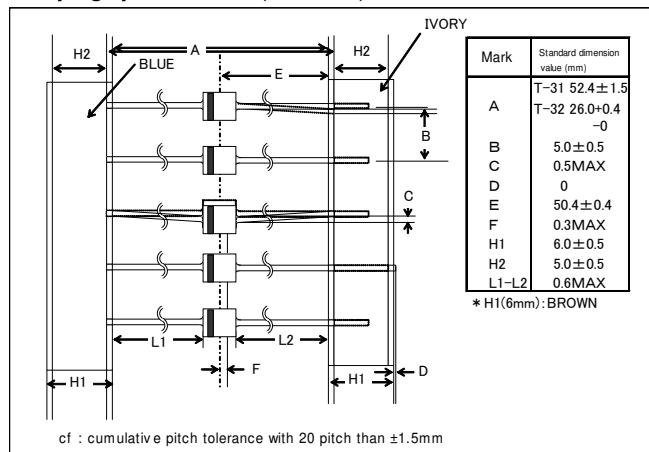
**●Construction**

Silicon epitaxial planar

**●Dimensions (Unit : mm)**



**●Taping specifications (Unit : mm)**



**●Absolute maximum ratings (Ta=25°C)**

Parameter	Symbol	Limits	Unit
Reverse voltage (repetitive peak)	$V_{RM}$	60	V
Reverse voltage (DC)	$V_R$	60	V
Average rectified forward current (*1)	$I_o$	2	A
Forward current surge peak (60Hz·1cyc)	$I_{FSM}$	40	A
Junction temperature	$T_j$	150	°C
Storage temperature	$T_{stg}$	-55 to +150	°C

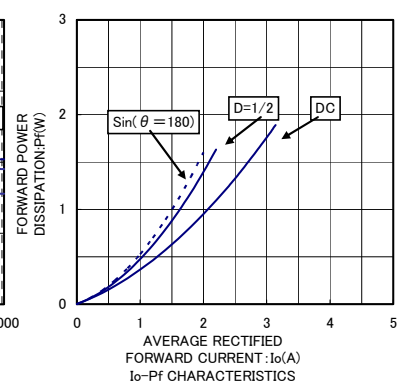
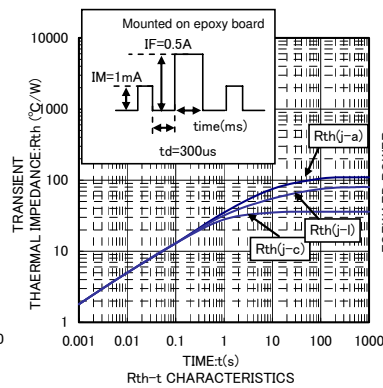
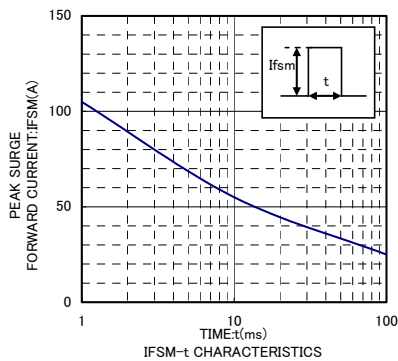
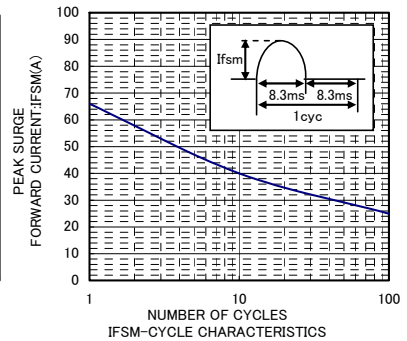
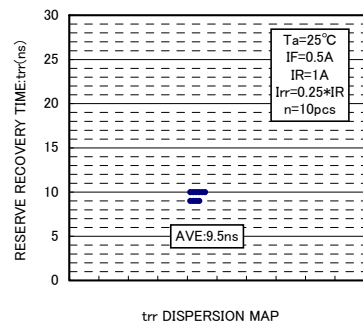
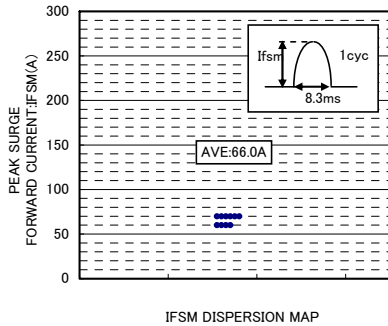
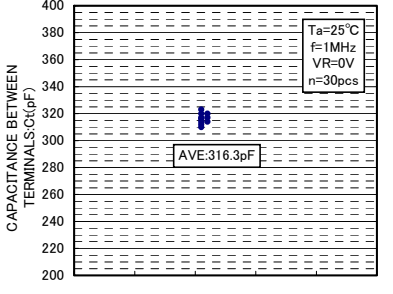
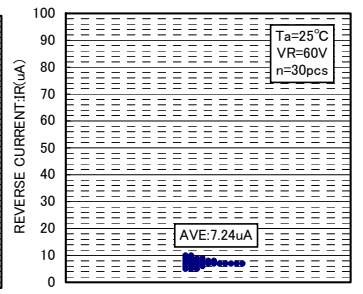
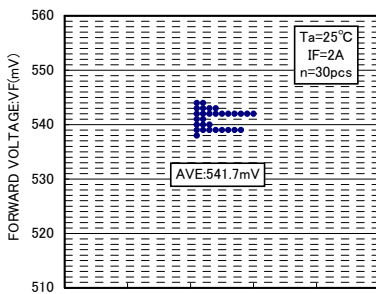
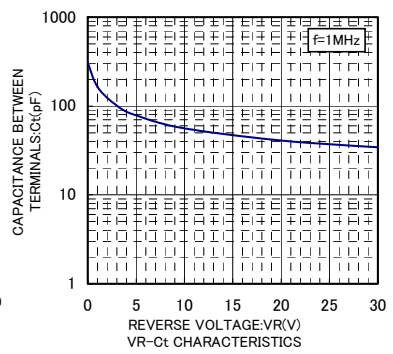
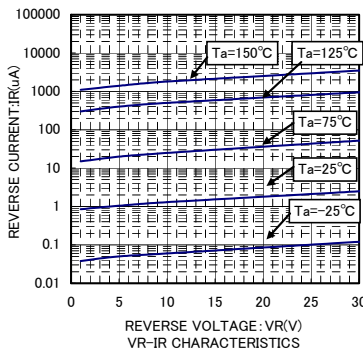
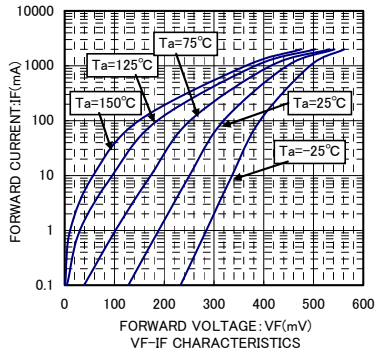
(\*1) Mounted on epoxy board. 180°Half sine wave

**●Electrical characteristics (Ta=25°C)**

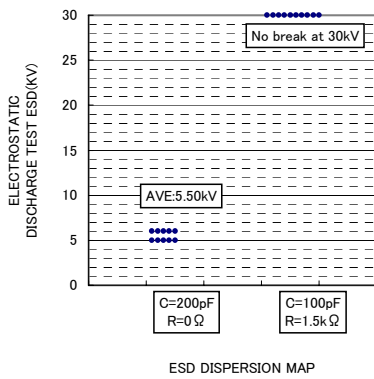
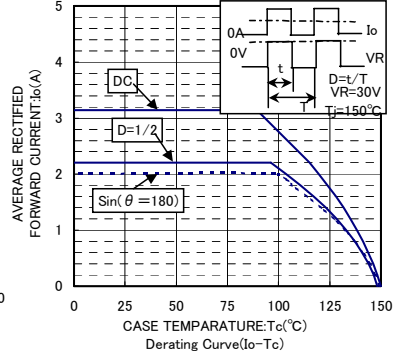
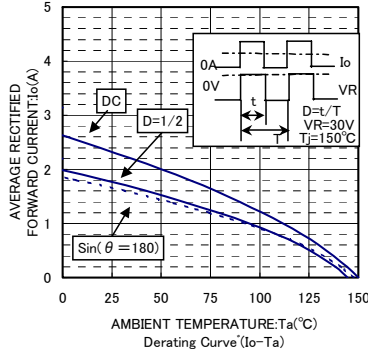
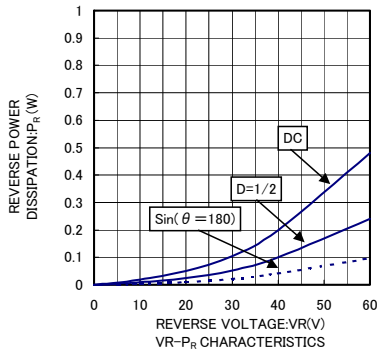
Parameter	Symbol	Min.	Typ.	Max.	Unit	Conditions
Forward voltage	$V_F$	-	-	0.58	V	$I_F=2.0A$
Reverse current	$I_R$	-	-	100	μA	$V_R=60V$

Diodes

●Electrical characteristic curves (Ta=25°C)



Diodes



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