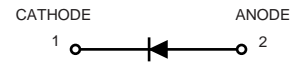


## Schottky barrier diode

Lead free product

Halogen-free type

**RB521G-30GH**



### ●Application

Rectifying small power

### ●Features

- 1) Ultra small mold type.
- 2) Low  $V_F$
- 3) High reliability

### ●Construction

Silicon epitaxial planer

- We declare that the material of product compliance with RoHS requirements.
- We declare that the material of product is Halogen Free (Green Epoxy Compound).

### ●Absolute maximum ratings (Ta=25 C)

Parameter	Symbol	Limits	Unit
Reverse voltage (DC)	$V_R$	30	V
Average rectified forward current	$I_o$	100	mA
Forward current surge peak (60Hz·1cyc)	$I_{FSM}$	500	mA
Junction temperature	$T_j$	125	°C
Storage temperature	$T_{stg}$	- 40 to +125	°C

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

Parameter	Symbol	Min.	Typ.	Max.	Unit	Conditions
Forward voltage	$V_F$	-	-	0.35	V	$I_F=10mA$
Reverse current	$I_R$	-		10	$\mu A$	$V_R=10V$

### ●Ordering Information

Device	Marking
RB521G-30GH	F

Electrical characteristic curves (Ta=25°C)

