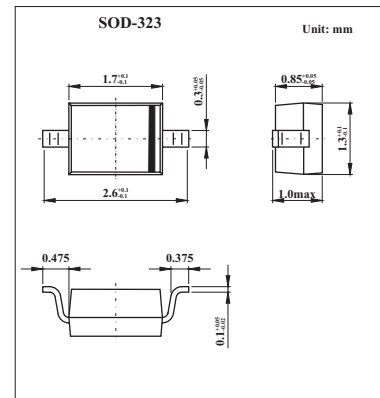


## Schottky Diodes

### KB551V-30(RB551V-30)



#### ■ Features

- High current rectifier Schottky diode.
- Low voltage, low inductance.
- For power supply.

#### ■ Absolute Maximum Ratings $T_a = 25^\circ\text{C}$

Parameter	Symbol	Rating	Unit
Peak reverse voltage	$V_{RM}$	30	V
DC reverse voltage	$V_R$	20	V
Mean rectifying current	$I_o$	0.5	A
Peak forward surge current	$I_{FSM}$	2	A
Junction temperature	$T_j$	125	$^\circ\text{C}$
Storage temperature	$T_{stg}$	-40 to +125	$^\circ\text{C}$

#### ■ Electrical Characteristics $T_a = 25^\circ\text{C}$

Parameter	Symbol	Testconditions	Min	Typ	Max	Unit
Forward voltage	$V_F$	$I_F=100\text{mA}$ $I_F=500\text{mA}$			0.36 0.47	V
Reverse current	$I_R$	$V_R=20\text{V}$			100	$\mu\text{A}$

#### ■ Marking

Marking	D
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