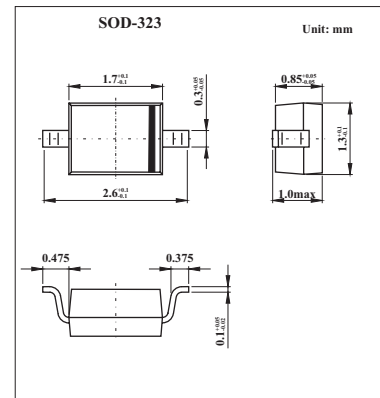


## Schottky Diodes

### KB551V-30(RB551V-30)



#### ■ Features

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

#### ■ Absolute Maximum Ratings Ta = 25°C

Parameter	Symbol	Rating	Unit
Peak reverse voltage	V <sub>RM</sub>	30	V
DC reverse voltage	V <sub>R</sub>	20	V
Mean rectifying current	I <sub>O</sub>	0.5	A
Peak forward surge current	I <sub>FSM</sub>	2	A
Junction temperature	T <sub>j</sub>	125	°C
Storage temperature	T <sub>stg</sub>	-40 to +125	°C

#### ■ Electrical Characteristics Ta = 25°C

Parameter	Symbol	Testconditions	Min	Typ	Max	Unit
Forward voltage	V <sub>F</sub>	I <sub>F</sub> =100mA I <sub>F</sub> =500mA			0.36 0.47	V
Reverse current	I <sub>R</sub>	V <sub>R</sub> =20V			100	μA

#### ■ Marking

Marking	D
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