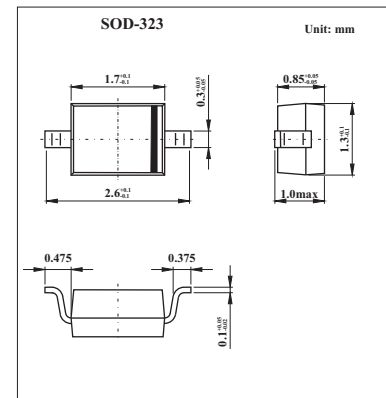


## Schottky Barrier Diode

### KB161VA-20

#### ■ Features

- Small Power mold type.
- Low  $V_F$
- High reliability



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

Parameter	Symbol	Rating	Unit
Reverse voltage (repetitive peak)	$V_{RM}$	30	V
Reverse voltage(DC)	$V_R$	20	V
Average rectified forward current	$I_o$	1	A
Forward current surge peak (60Hz · 1cyc)	$I_{FSM}$	5	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	Test conditions	Min	Typ	Max	Unit
Forward voltage	$V_F$	$I_F=700\text{mA}$		0.33	0.37	V
		$I_F=1.0\text{A}$		0.38	0.42	V
Reverse current	$I_R$	$V_R=20\text{V}$		0.2	1	$\mu\text{A}$