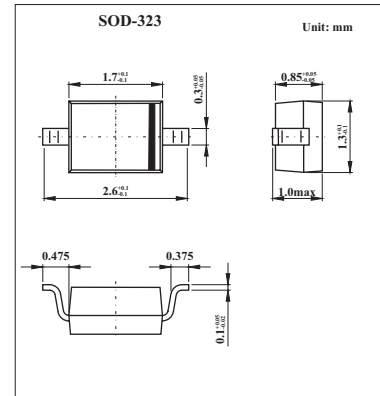


Schottky Diodes

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	μA

■ Marking

Marking	D
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