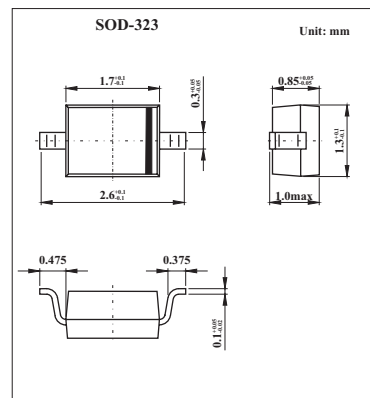


Schottky Diodes

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 _{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	°C
Storage temperature	T _{stg}	-40 to +125	°C

■ Electrical Characteristics Ta = 25°C

Parameter	Symbol	Testconditions	Min	Typ	Max	Unit
Forward voltage	V _F	I _F =100mA I _F =500mA			0.36 0.47	V
Reverse current	I _R	V _R =20V			100	μA

■ Marking

Marking	D
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