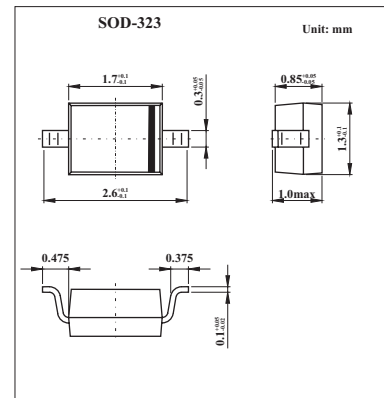


KAT60B(BAT60B)

■ **Features**

- High current rectifier Schottky diode
- Low voltage, low inductance
- For power supply
- For detection and step-up-conversion



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

Parameter	Symbol	Rating	Unit
Non-Repetitive Peak reverse voltage	V _{RM}	10	V
Forward current	I _F	3	A
Forward surge Current tp=10ms	I _{FSM}	5	A
Power dissipation Tc=25°C	P _D	350	mW
Junction temperature	T _J	150	°C
Storage temperature	T _{STG}	-65 to +150	°C

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

Parameter	Symbol	Testconditions	Min	Typ	Max	Unit
Forward voltage	V _F	I _F = 10mA			300	mV
		I _F = 100mA			380	
		I _F = 500mA			500	
		I _F = 1000mA			600	
Leakage current	I _R	V _R = 5V			15	μ A
		V _R = 8V			25	
Junction Capacitance	C _J	V _R = 5V, f = 1.0MHz			30	pF

■ **Marking**

Marking	W5
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