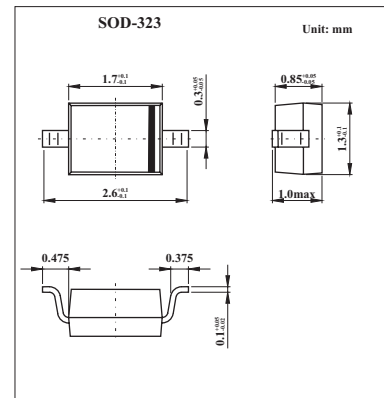


**KAT60B(BAT60B)**

■ **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 <sub>RM</sub>	10	V
Forward current	I <sub>F</sub>	3	A
Forward surge Current tp=10ms	I <sub>FSM</sub>	5	A
Power dissipation Tc=25°C	P <sub>D</sub>	350	mW
Junction temperature	T <sub>J</sub>	150	°C
Storage temperature	T <sub>STG</sub>	-65 to +150	°C

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

Parameter	Symbol	Testconditions	Min	Typ	Max	Unit
Forward voltage	V <sub>F</sub>	I <sub>F</sub> = 10mA			300	mV
		I <sub>F</sub> = 100mA			380	
		I <sub>F</sub> = 500mA			500	
		I <sub>F</sub> = 1000mA			600	
Leakage current	I <sub>R</sub>	V <sub>R</sub> = 5V			15	μ A
		V <sub>R</sub> = 8V			25	
Junction Capacitance	C <sub>J</sub>	V <sub>R</sub> = 5V, f = 1.0MHz			30	pF

■ **Marking**

Marking	W5
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