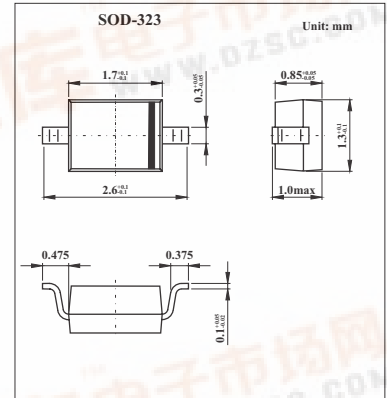


SMD Type Diodes

Schottky Diodes
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	VRM	10	V
Forward current	IF	3	A
Forward surge Current tp=10ms	IFSM	5	A
Power dissipation Tc=25°C	PD	350	mW
Junction temperature	TJ	150	°C
Storage temperature	TSTG	-65 to +150	°C

■ Electrical Characteristics Ta = 25°C

Parameter	Symbol	Testconditions	Min	Typ	Max	Unit
Forward voltage	VF	IF = 10mA			300	mV
		IF = 100mA			380	
		IF = 500mA			500	
		IF = 1000mA			600	
Leakage current	IR	VR = 5V			15	μ A
		VR = 8V			25	
Junction Capacitance	CJ	VR = 5V, f = 1.0MHz			30	pF

■ Marking

Marking	W5
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