

SOD-323 Plastic-Encapsulate Diodes

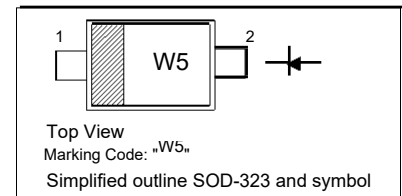
BAT60B SCHOTTKY DIODES

FEATURES

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

PINNING

PIN	DESCRIPTION
1	Cathode
2	Anode



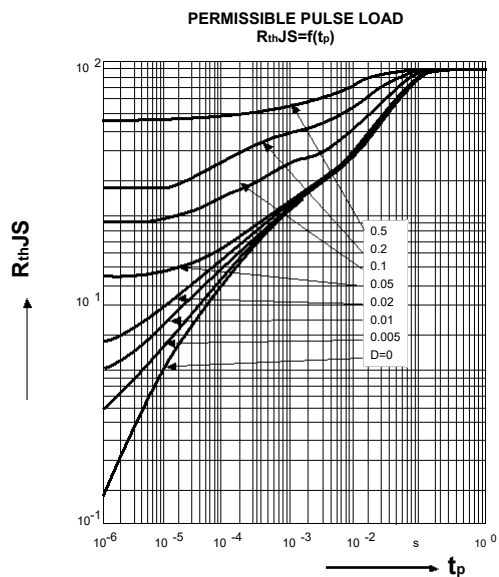
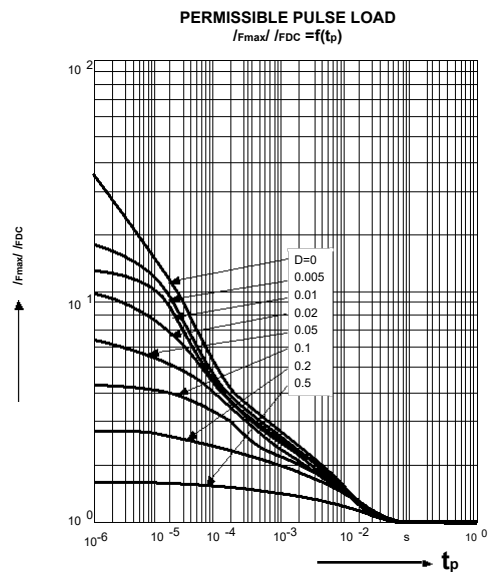
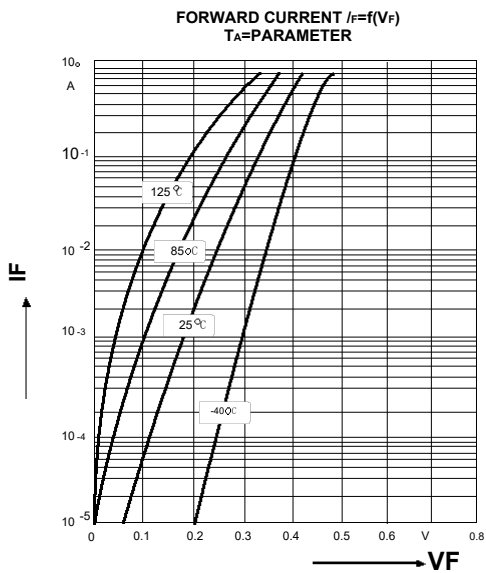
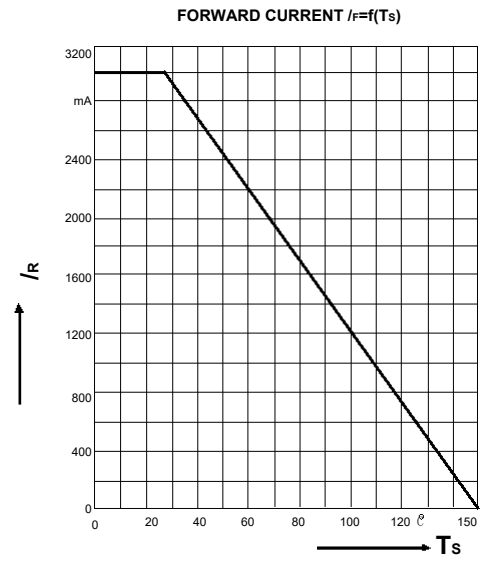
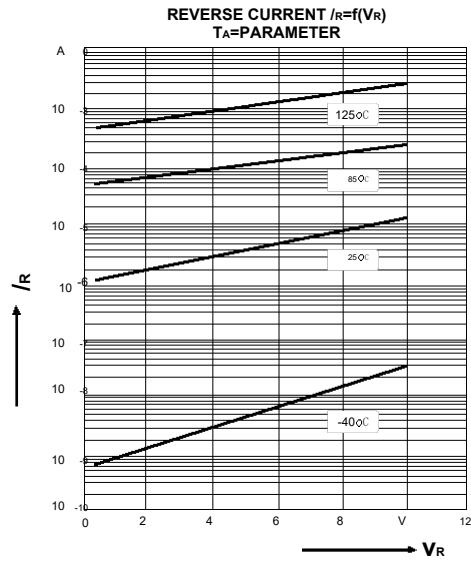
Maximum Ratings and Electrical Characteristics, Single Diode @T_A=25°C

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

Electrical Ratings @T_A=25°C

Parameter	Symbol	Min.	Typ	Max.	Unit	Conditions
Forward voltage	V _F			300 380 500 600	mV	I _F =10mA I _F =100mA I _F =500mA I _F =1000mA
Reverse current	I _R			15 25	μA	V _R =5V V _R =8V
Capacitance between terminals	C _T			30	pF	V _R =5V, f=1MHz

Typical Characteristics



PACKAGE OUTLINE

Plastic surface mounted package; 2 leads

SOD-323

