

● FEATURES

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



MARKING: 5

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

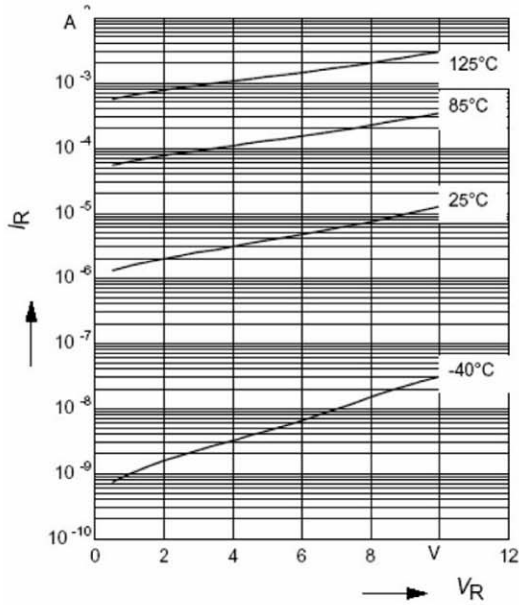
Parameter	Symbol	Limits	Unit
Non-Repetitive Peak reverse voltage	V _{RM}	10	V
Forward current	I _F	3	A
Forward surge Current t _p =10ms	I _{FSM}	5	A
Power dissipation T _C =25°C	P _{tot}	350	mW
Junction temperature	T _J	150	°C
Storage temperature	T _{STG}	-65~+150	°C

● Electrical Ratings @T_A=25°C

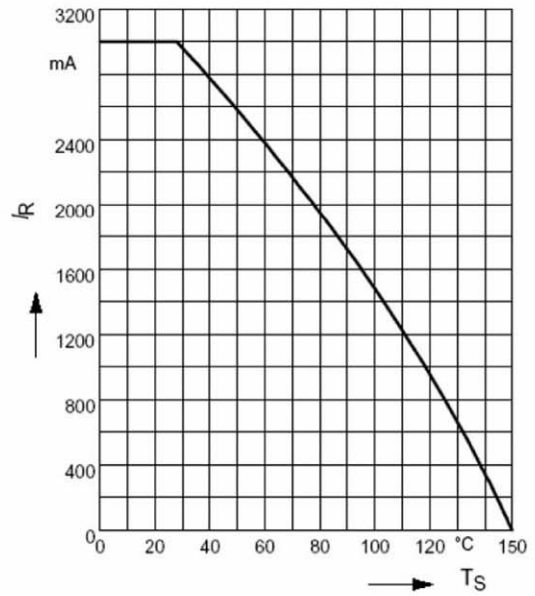
Parameter	Symbol	Min.	Typ	Max.	Unit	Conditions
Forward voltage	V _F			300	mV	I _F =10mA
				380		I _F =100mA
				500		I _F =500mA
				600		I _F =1000mA
Reverse current	I _R			15	μA	V _R =5V
				25		V _R =8V
Capacitance between terminals	C _T			30	pF	V _R =5V, f=1MHz

Reverse current $I_R = f(V_R)$

$T_A = \text{Parameter}$

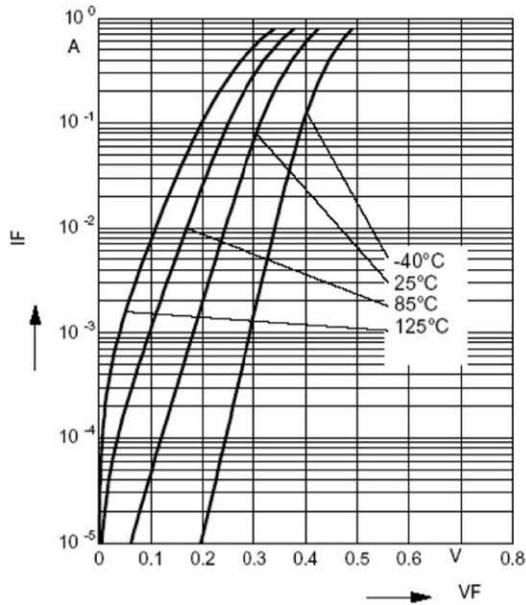


Forward current $I_F = f(T_S)$



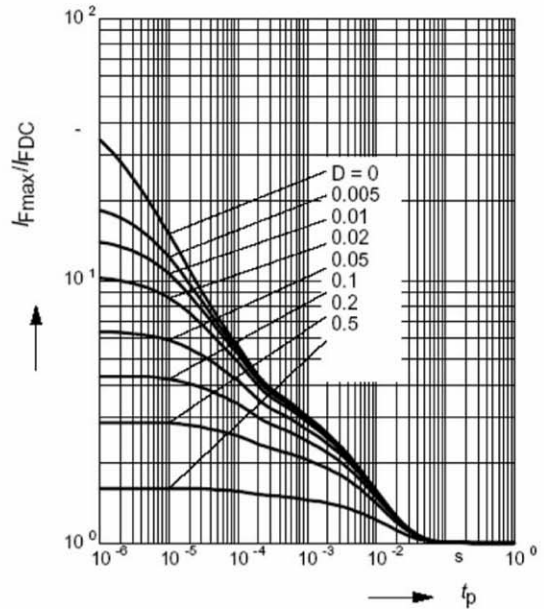
Forward current $I_F = f(V_F)$

$T_A = \text{Parameter}$

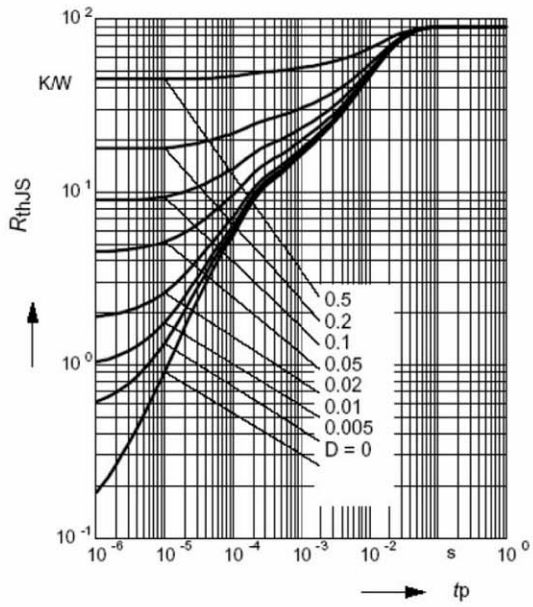


Permissible Pulse Load

$I_{Fmax} / I_{FDC} = f(t_p)$

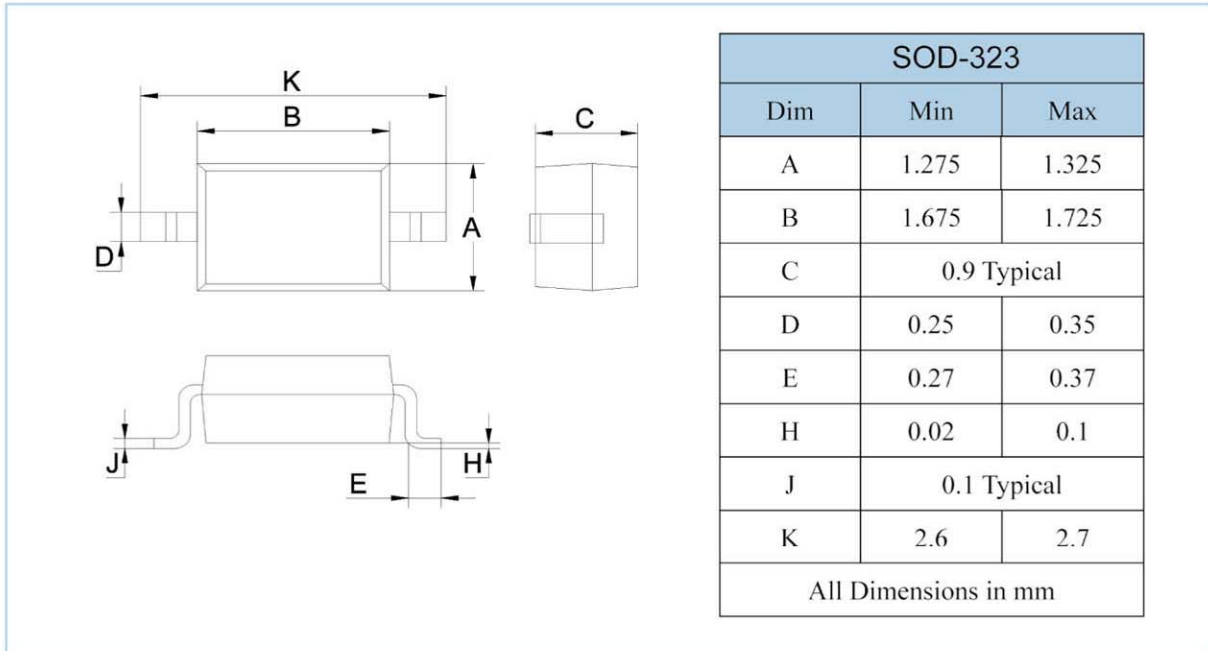


Permissible Puls Load $R_{thJS} = f(t_p)$

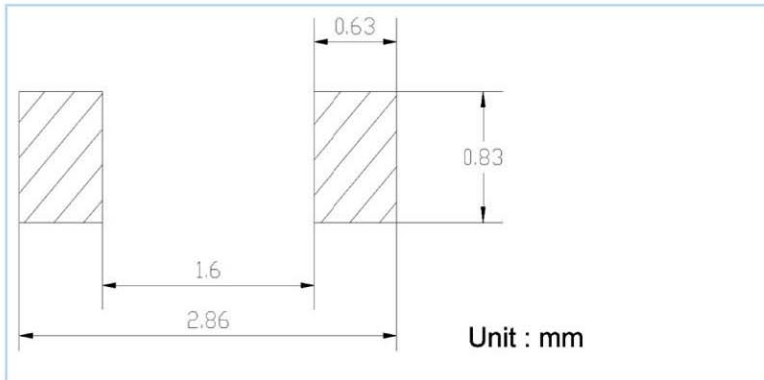


PACKAGE OUTLINE

Plastic surface mounted package



SOLDERING FOOTPRINT



PACKAGE INFORMATION

Device	Package	Shipping
BAT60B	SOD-323	3000/Tape&Reel

单击下面可查看定价，库存，交付和生命周期等信息

[>>SHIKUES\(时科\)](#)