



型号: RB501V-40

肖特基二极管 SCHOTTKY DIODE

主要特性/Features

小电流整流肖特基二极管 Low current rectifier schottky diode

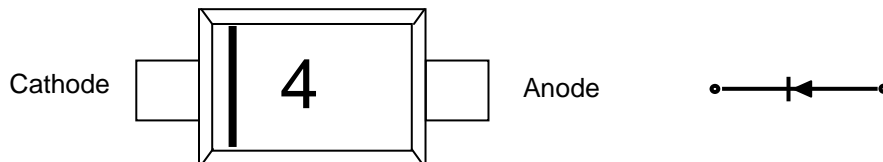
低电压, 低电感 Low voltage, Low inductance

用于供电 For power supply

应用/Application

消费电子产品 Consumer electronics

印字/MARKING 等效电路/Equivalent Circuit





极限参数/Absolute maximum ratings(Ta=25°C)

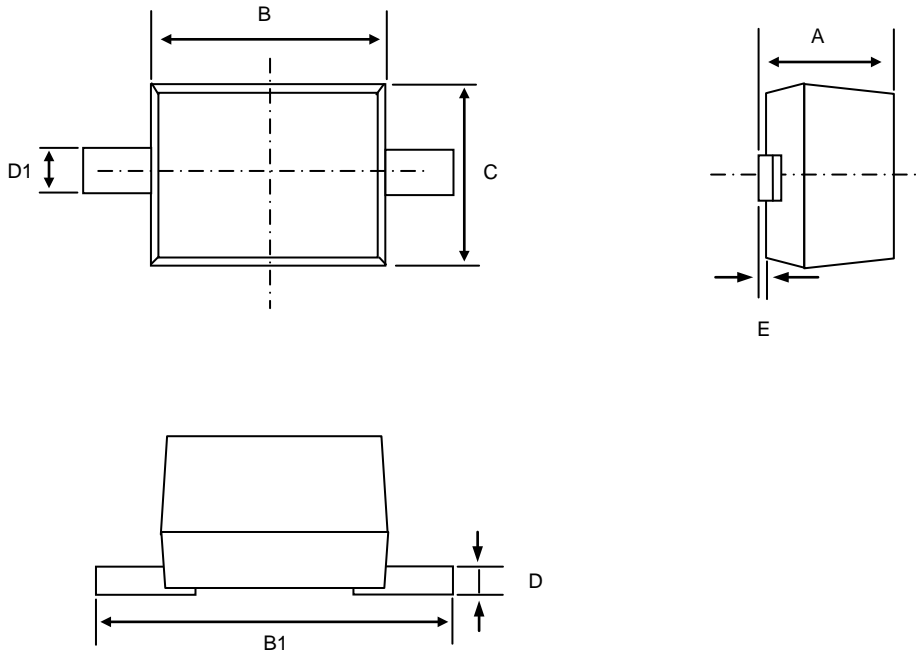
Parameter	Symbol	Limit	Unit
Peak Reverse Voltage	V_{RM}	45	V
DC Reverse Voltage	V_R	40	V
Mean Rectifying current	I_o	0.1	A
Peak Forward Surge Current	I_{FSM}	1	A
Junction Temperature	T_j	150	°C
Storage Temperature	T_{stg}	-55 ~ 150	°C

电性能参数/Electrical characteristics (Ta=25°C)

Parameter	Symbol	Conditions	Typ	Max	Unit
Forward Voltage	V_F	$I_F=10mA$		0.34	V
		$I_F=100mA$		0.55	V
Reverse Current	I_R	$V_R=10V$		30	μA
Capacitance Between Terminals	C_T	$V_R=10V, f=1.0MHz$	6		pF



成品外观尺寸/SOD-323 Package Information



Symbol	Dim in mm		
	Min	Nor	Max
A	0.600	0.700	0.800
B	1.650	1.700	1.750
B1	2.250	2.600	2.750
C	1.250	1.300	1.350
D	0.100	0.110	0.120
D1	0.280	0.300	0.320
E	0.000	-	0.020