



型号: RB551V-30

肖特基二极管 SCHOTTKY DIODE

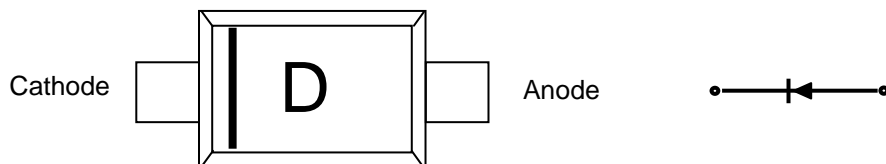
### 主要特性/Features

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)**

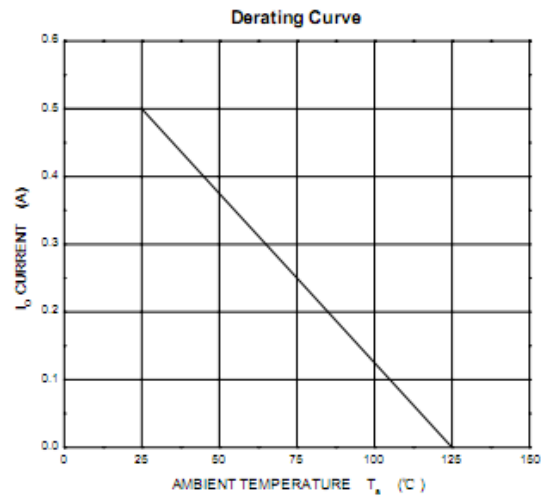
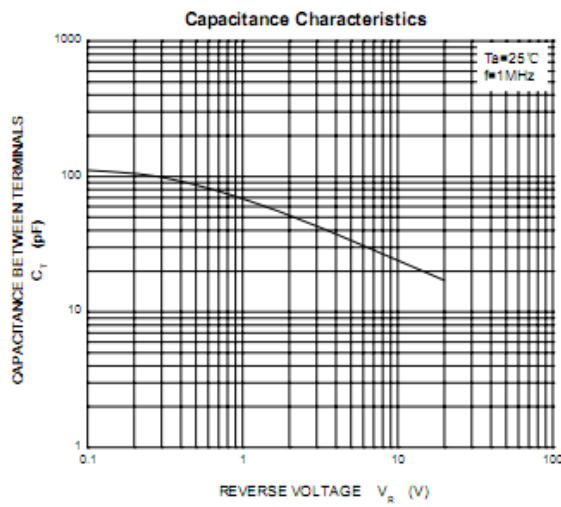
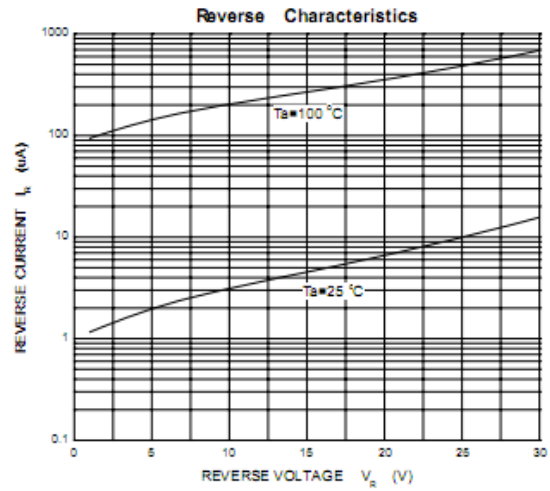
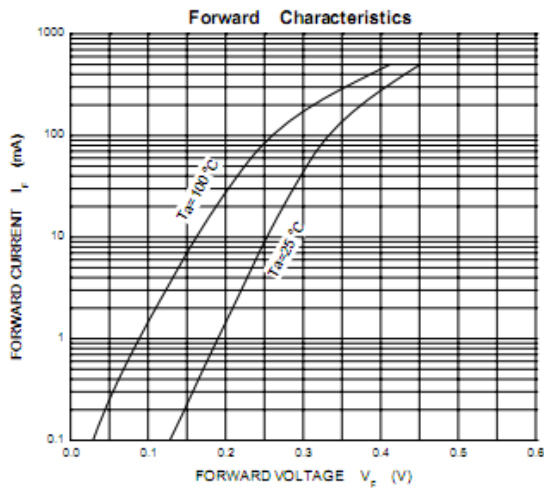
Parameter	Symbol	Limit	Unit
Peak Reverse Voltage	$V_{RM}$	30	V
DC Reverse Voltage	$V_R$	20	V
Mean Rectifying current	$I_o$	0.5	A
Peak Forward Surge Current	$I_{FSM}$	2	A
Junction Temperature	$T_j$	150	°C
Storage Temperature	$T_{stg}$	-55 ~ 150	°C

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

Parameter	Symbol	Conditions	Typ	Max	Unit
Forward Voltage	$V_F$	$I_F=100mA$		0.36	V
		$I_F=500mA$		0.47	V
Reverse Current	$I_R$	$V_R=20V$		100	$\mu A$

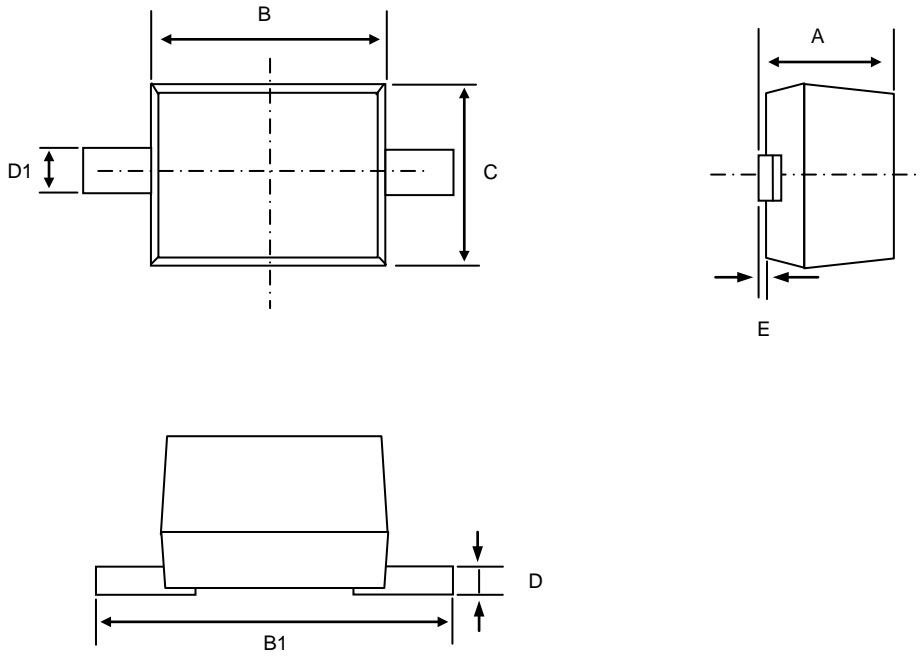


典型特性曲线图/Typical Characteristics





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