



型号: RB751S-40

肖特基势垒二极管 SCHOTTKY BARRIER DIODE

主要特性/Features

极低信号失真 Very low signal distortion

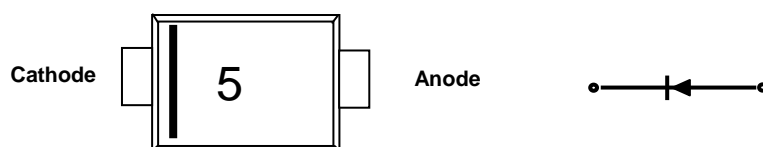
应用/APPLICATION

低反向电流和低正向电压 Low reverse current and low forward voltage

小型表面安装式 small surface mounting type

高可靠性 High reliability

印字/MARKING 等效电路/Equivalent Circuit





极限参数/Absolute Maximum Ratings(TA=25°C unless otherwise noted)

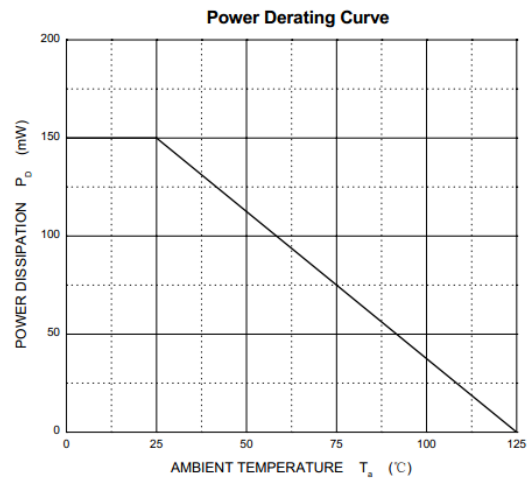
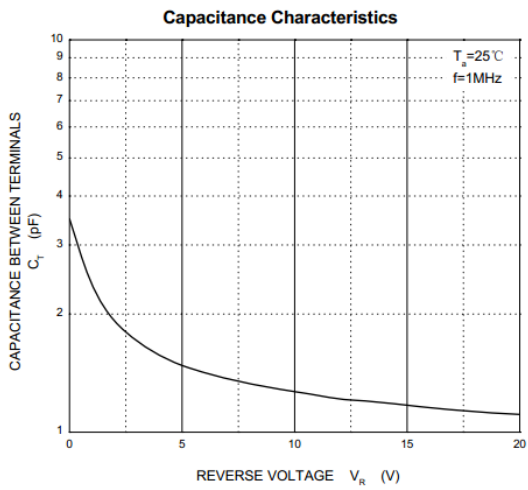
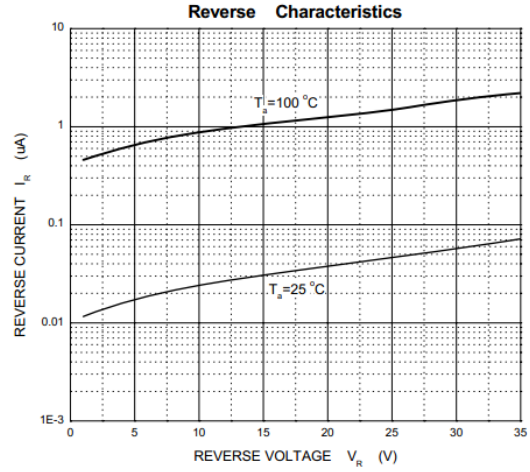
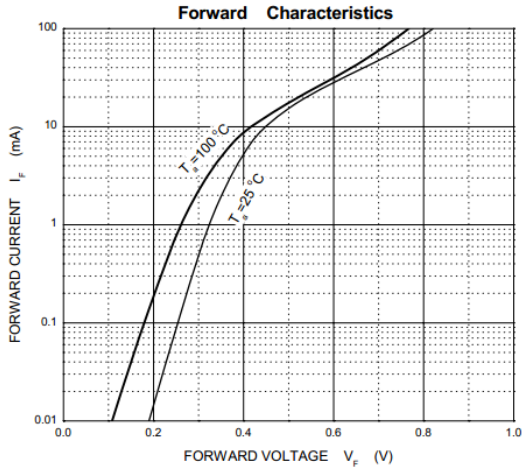
Parameter	Symbol	Limit	Unit
Peak Reverse Voltage	V_{RM}	40	V
DC Reverse Voltage	V_R	30	V
Mean Rectifying current	I_o	0.03	A
Peak Forward Surge Current	I_{FSM}	0.2	A
Power dissipation	P_D	150	mW
Junction Temperature	T_j	125	°C
Storage Temperature	T_{stg}	-55 ~ 150	°C

电性能参数/Electrical Characteristics (TA=25°C unless otherwise noted)

Parameter	Symbol	Conditions	Typ	Max	Unit
Forward Voltage	V_F	$I_F=1mA$		0.37	V
Reverse Current	I_R	$V_R=30V$		0.5	μA
Capacitance Between Terminals	C_T	$V_R=1V, f=1.0MHz$	2		pF

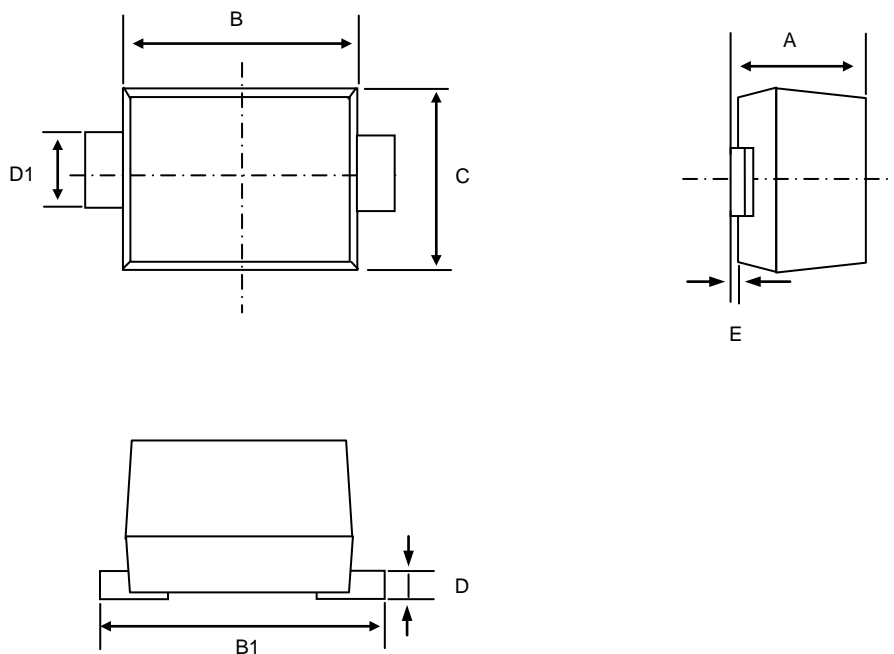


典型特性曲线图/Typical Characteristics





成品外观尺寸/SOD-523 Package Information



Symbol	Dim in mm		
	Min	Nor	Max
A	0.600	0.650	0.700
B	1.150	1.200	1.250
B1	1.550	1.600	1.650
C	0.750	0.800	0.850
D	0.100	0.110	0.120
D1	0.280	0.300	0.320
E	0.000	-	0.020