



型号: RB521S-30

肖特基二极管 SCHOTTKY DIODE

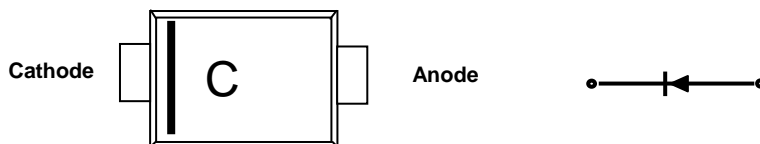
主要特性/Features

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

应用/Application

高速开关电路 High speed switch circuit

印字/MARKING 等效电路/Equivalent Circuit





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

Parameter	Symbol	Value	Unit
DC Reverse Voltage	VR	30	V
Mean Rectifying Current	IO	200	mA
Peak Forward Surge Current	IFSM	1	A
Junction Temperature	Tj	125	°C
Storage Temperature	Tstg	-40 ~ 125	°C

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

Parameter	Symbol	Test Conditions	Min.	Typ.	Max.	Unit
Forward Voltage	VF	IF=200mA			0.50	V
Reverse Current	IRM	VR=10V			30	μ A



典型特性曲线图/Typical Characteristics

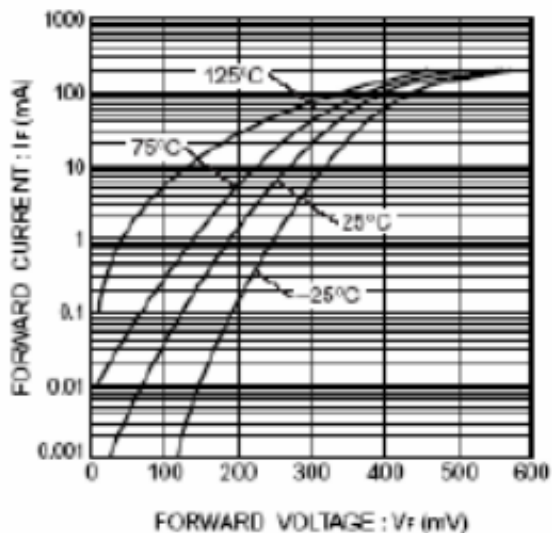


Fig.1 Forward characteristics

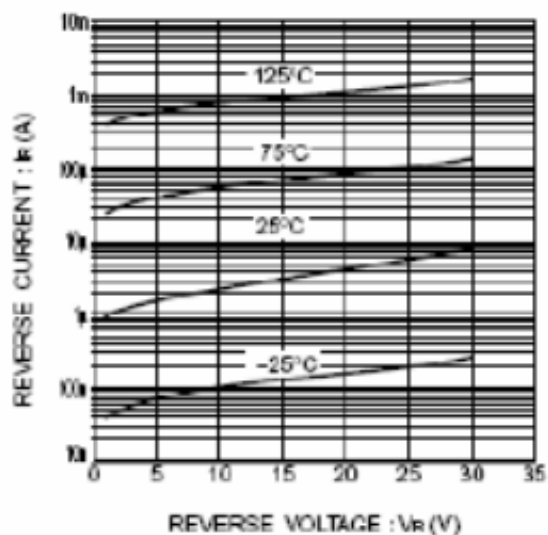


Fig.2 Reverse characteristics

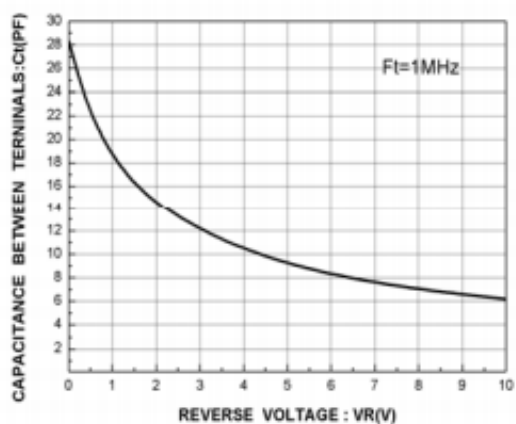
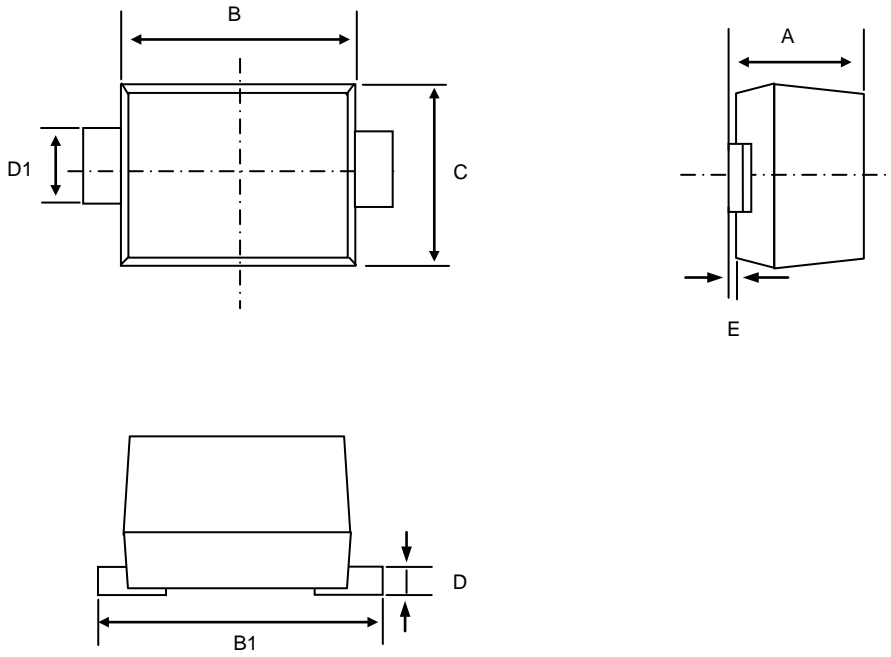


Fig.3 Capacitance between terminals characteristics



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