



SLS SEMICONDUCTOR (SHENZHEN) CO.,LTD.

SOD-523 封装二极管/SOD-523 Plastic-Encapsulate Diodes

RB521S- 30 (SCHOTTKY DIODE)

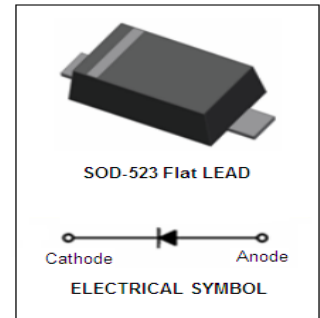
特点/Features :

- 表面安装，尺寸小；
- 导通电压小；
- 可靠性高；

用途/Applications :

高速开关电路。

印章/ Marking: C



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

Parameter	Symbol	Value	Unit
DC Reverse Voltage	V_R	30	V
Mean Rectifying Current	I_o	200	mA
Peak Forward Surge Current	I_{FSM}	1	A
Junction Temperature	T_j	125	°C
Storage Temperature	T_{stg}	-40~125	°C

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

Parameter	Symbol	Test Conditions	Min.	Typ.	Max.	Unit
Forward Voltage	V_F	$I_F=200mA$			0.50	V
Reverse Current	I_{RM}	$V_R=10V$			30	μA



典型特性曲线图/Typical Characteristics

●Electrical characteristic curves (Ta=25°C)

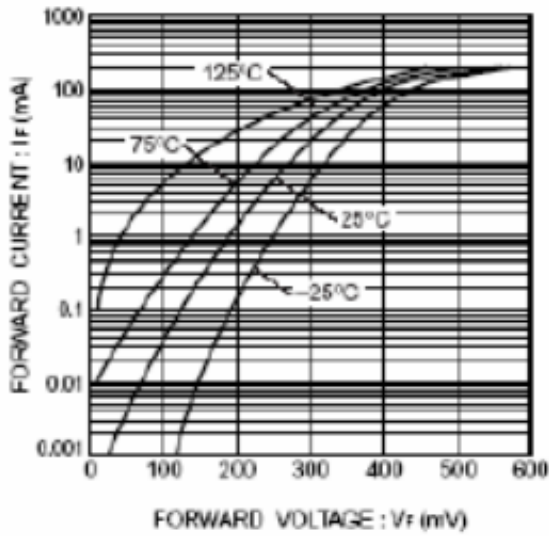


Fig.1 Forward characteristics

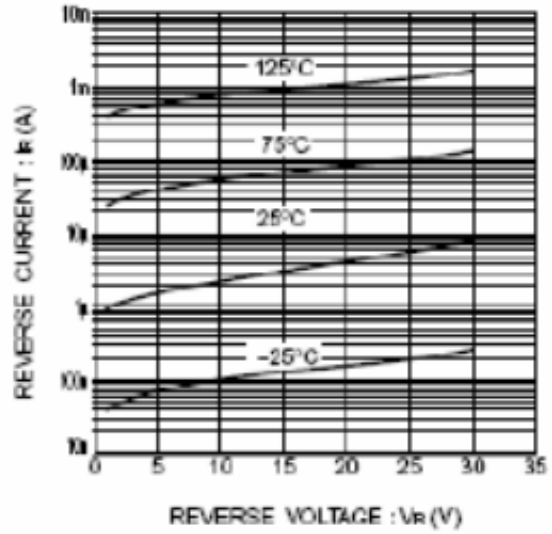


Fig.2 Reverse characteristics

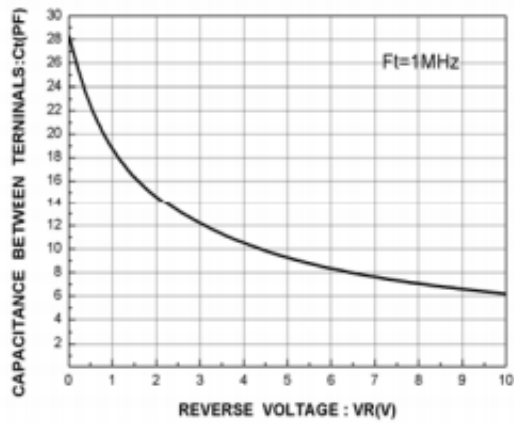


Fig.3 Capacitance between terminals characteristics