



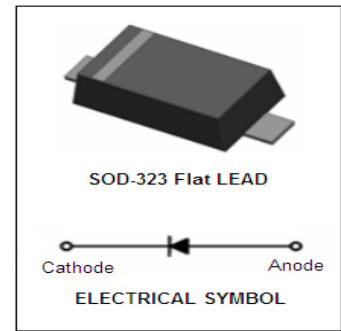
SLS SEMICONDUCTOR (SHENZHEN) CO.,LTD.

SOD-323 封装二极管/SOD-323 Plastic-Encapsulate Diodes

RB551V-30 (SCHOTTKY BARRIER DIODE)

特点/Features :

- Low current rectifier schottky diode ;
- Low voltage, Low inductance ;
- For power supply ;



印章/ Marking: D

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	μA



典型特性曲线图/Typical Characteristics

