



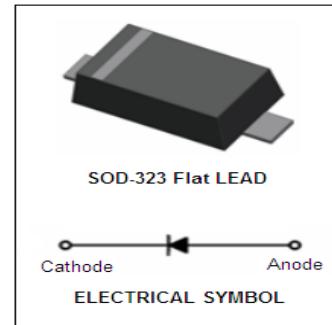
SLS SEMICONDUCTOR (SHENZHEN) CO.,LTD.

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	$\mu A$



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## 典型特性曲线图/Typical Characteristics

