



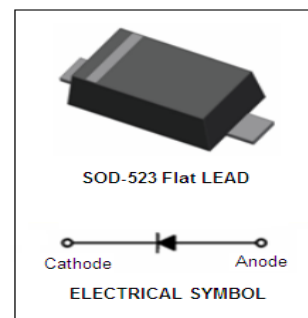
SLS SEMICONDUCTOR (SHENZHEN) CO.,LTD.

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

RB751S-40 (SCHOTTKY BARRIER DIODE)

特点/Features :

- Low reverse current and low forward voltage ;
- small surface mounting type ;
- High reliability ;



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

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)

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

