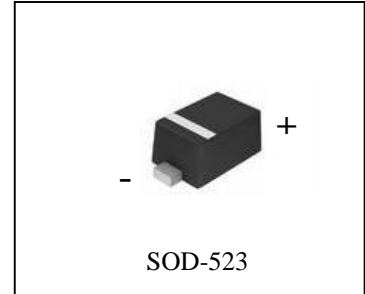


Schottky barrier diode

RB530S-30

FEATURES

- Ultra small mold type.
- Low I_R
- High reliability



Maximum Ratings and Electrical Characteristics, Single Diode @TA=25 °C

Parameter	Symbol	Limits	Unit
DC reverse voltage	V_R	30	V
Mean rectifying current	I_O	100	mA
Peak forward surge current	I_{FSM}	0.5	A
Junction temperature	T_j	125	°C
Storage temperature	T_{stg}	-40-125	°C

ELECTRICAL CHARACTERISTICS (Tamb=25 °C unless otherwise specified)

Parameter	Symbol	Min.	Typ.	Max.	Unit	Conditions
Forward voltage	V_F			0.45	V	$I_F=10mA$
Reverse current	I_R			0.5	μA	$V_R=10V$