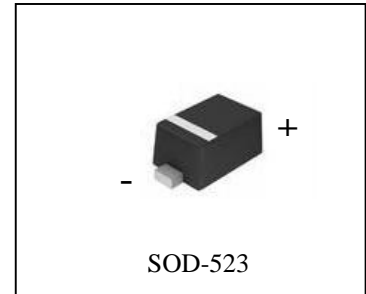


HIGH SPEED SWITCHING DIODE
RB521S-30
FEATURES

Small surface mounting type
Low reverse current and low forward voltage
High reliability

MARKING: C



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	200	mA
Peak forward surge current	I_{FSM}	1	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			0.5	V	$I_F=200mA$
Reverse current	I_R			30	μA	$V_R=10V$

RB521S-30 Typical Characteristics

● **Electrical characteristic curves (Ta=25°C)**

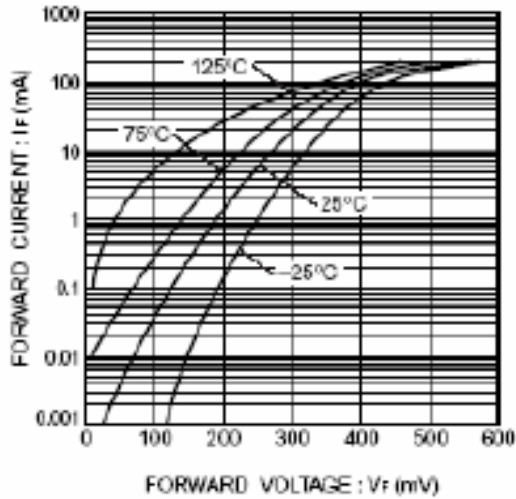


Fig.1 Forward characteristics

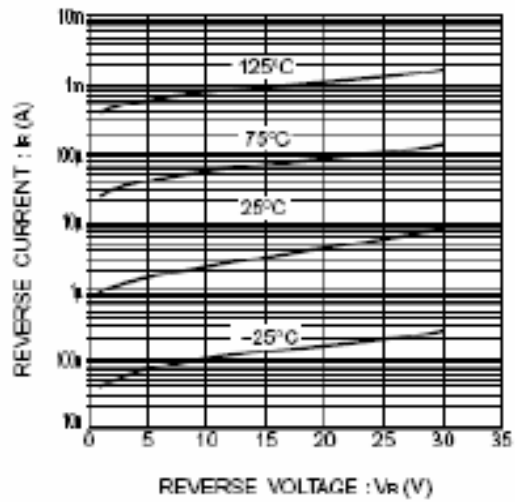


Fig.2 Reverse characteristics

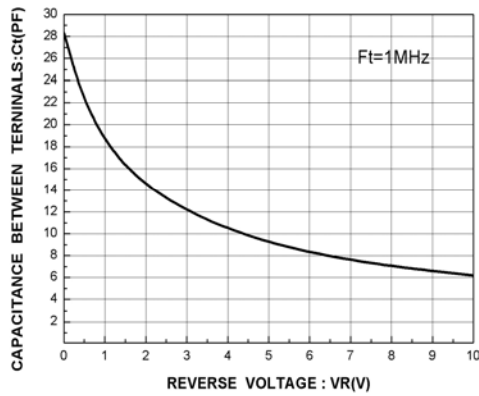


Fig.3 Capacitance between terminals characteristics