Elektronische Bauelemente

SCS521G

VOLTAGE 30 V, 100 mA

Small Signal Schottky Barrier Diode

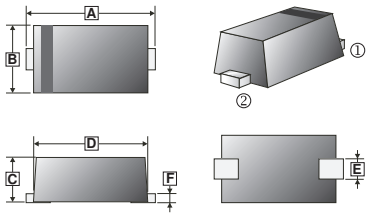
RoHS Compliant Product

A suffix of “-C” specifies halogen & lead-free

SOD-723

FEATURES

- Small Surface Mounting Type
- High Reliability



MARKING: F

REF.	Millimeter		REF.	Millimeter	
	Min.	Max.		Min.	Max.
A	1.300	1.500	D	0.080	1.100
B	0.550	0.650	E	0.250	0.350
C	0.515	0.650	F	0.080	0.150

MAXIMUM RATINGS (T_A=25℃ unless otherwise specified.)

TYPE NUMBER	SYMBOL	VALUE	UNIT
DC Reverse Voltage	V_R	30	V
Mean Rectifying Current	I_O	100	mA
Peak Forward Surge Current	I_{FSM}	1	A
Junction & Storage Temperature	T_J,T_{STG}	125, -40~125	℃

ELECTRICAL CHARACTERISTICS (T_A=25℃ unless otherwise specified.)

PARAMETER	SYMBOL	MIN	MAX	UNIT	TEST CONDITION
Forward Voltage	V_F		0.35	V	I_F=10mA
Reverse Current	I_R		10	μA	V_R=10V

RATINGS AND CHARACTERISTIC CURVES

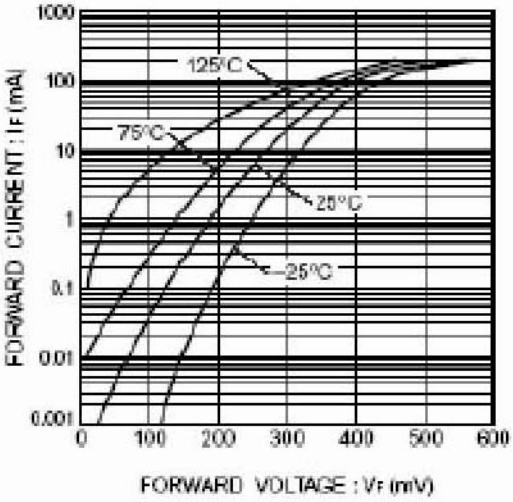


Fig.1 Forward characteristics

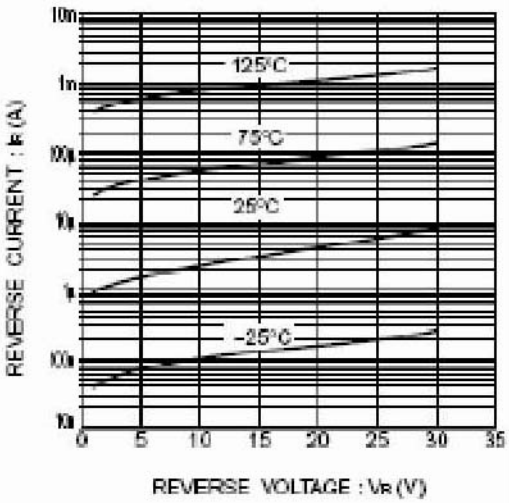


Fig.2 Reverse characteristics

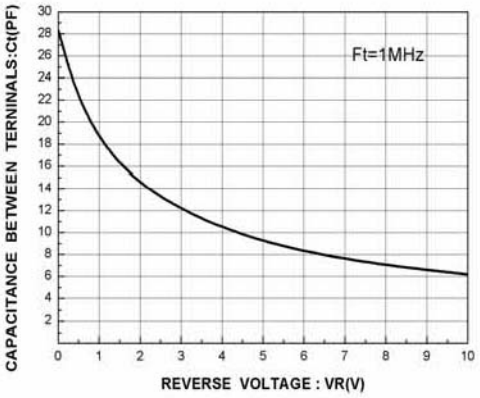


Fig.3 Capacitance between terminals characteristics