

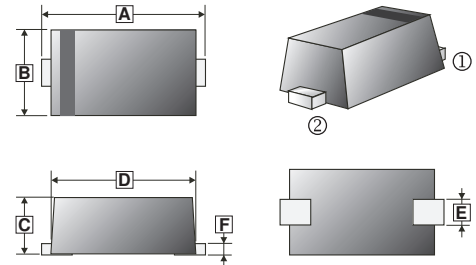
FEATURES

- Small Surface Mounting Type
- High Reliability

MARKING



SOD-723



ORDERING INFORMATION

Part Number	Type
SCS521G	Lead free
SCS521G-C	Halogen free & Lead free

REF.	Millimeter		REF.	Millimeter	
	Min.	Max.		Min.	Max.
A	1.300	1.500	D	0.800	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°C unless otherwise specified.)

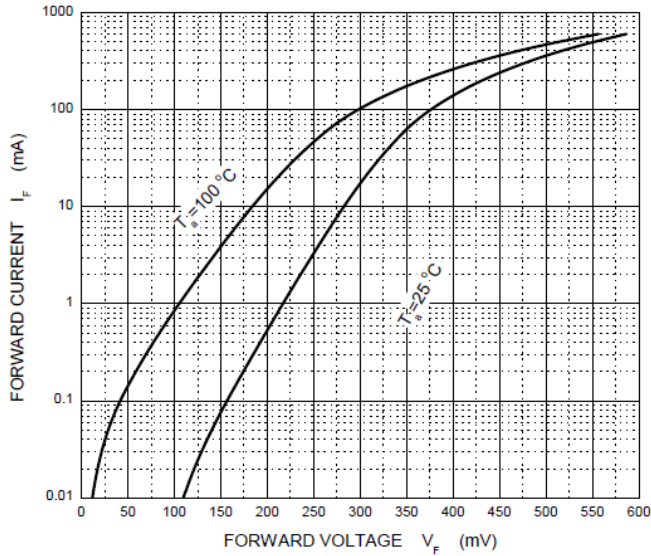
Parameter	Symbol	Rating	Unit
DC Reverse Voltage	V _R	30	V
Mean Rectifying Current	I _O	200	mA
Peak Forward Surge Current	I _{FSM}	1	A
Power Dissipation	P _D	100	mW
Thermal Resistance from Junction to Ambient	R _{θJA}	1000	°C / W
Junction Temperature	T _J	0~125	°C
Storage Temperature	T _{STG}	-55~150	°C

ELECTRICAL CHARACTERISTICS (T_A=25°C unless otherwise specified.)

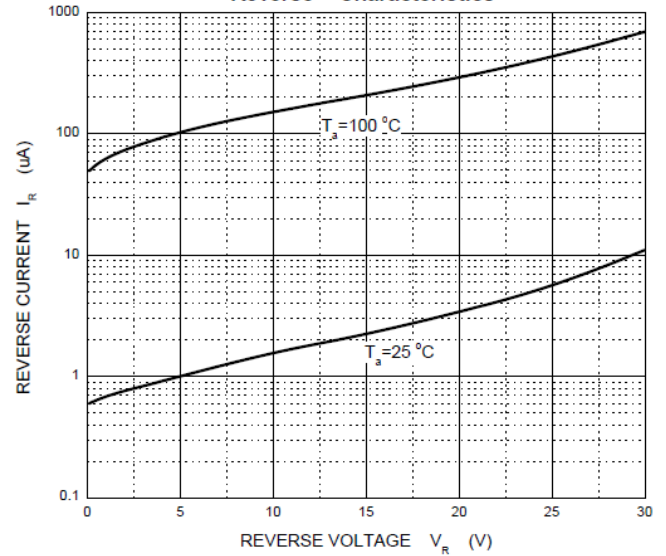
Parameter	Symbol	Min	Max	Unit	Test Conditions
Forward Voltage	V _F	-	0.35	V	I _F =10mA
		-	0.5	V	I _F =200mA
Reverse Current	I _R	-	10	µA	V _R =10V

RATINGS AND CHARACTERISTIC CURVES

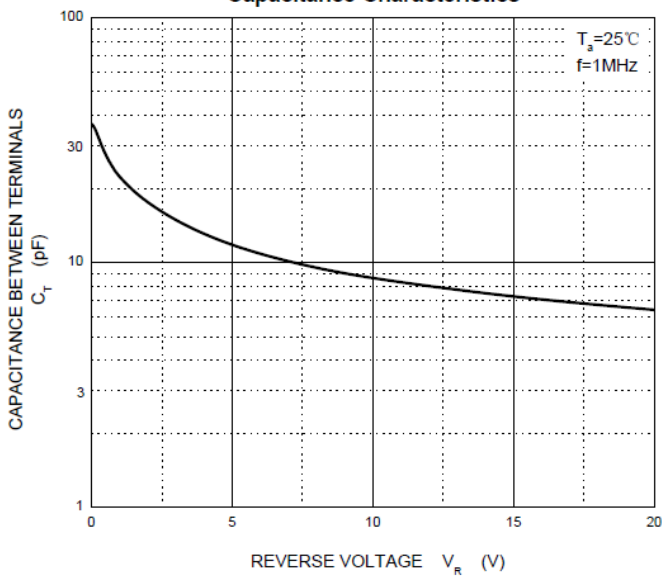
Forward Characteristics



Reverse Characteristics



Capacitance Characteristics



Power Derating Curve

