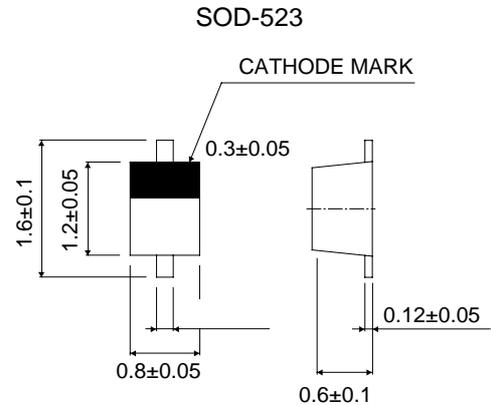


RoHS Compliant Product

A suffix of "-C" specifies halogen & lead-free

Features

- Small Package



Marking: G

Dimensions in millimeters

Maximum Ratings and Electrical Characteristics, Single Diode @ $T_A=25^\circ\text{C}$

Parameter	Symbol	Limits	Unit
Peak reverse voltage	V_{RM}	85	V
DC reverse voltage	V_R	80	V
Peak forward current	I_{FM}	200	mA
Mean rectifying current	I_o	100	mA
Surge current (10ms)	I_{surge}	1000	mA
Junction temperature	T_j	125	$^\circ\text{C}$
Storage temperature	T_{stg}	-55-125	$^\circ\text{C}$

Electrical Ratings @ $T_A=25^\circ\text{C}$

Parameter	Symbol	Min.	Typ.	Max.	Unit	Conditions
Forward voltage	V_{F1}		0.62		V	$I_F=1\text{mA}$
	V_{F2}		0.75		V	$I_F=10\text{mA}$
	V_{F3}			1.2	V	$I_F=100\text{mA}$
Reverse current	I_{R1}			0.1	μA	$V_R=30\text{V}$
	I_{R2}			0.5	μA	$V_R=80\text{V}$
Capacitance between terminals	C_T			3.0	pF	$V_R=0, f=1\text{MHZ}$
Reverse recovery time	t_{rr}			4	ns	$V_R=6\text{V}, I_F=10\text{mA}, R_L=100\ \Omega$

Characteristics Curve

