GS204U

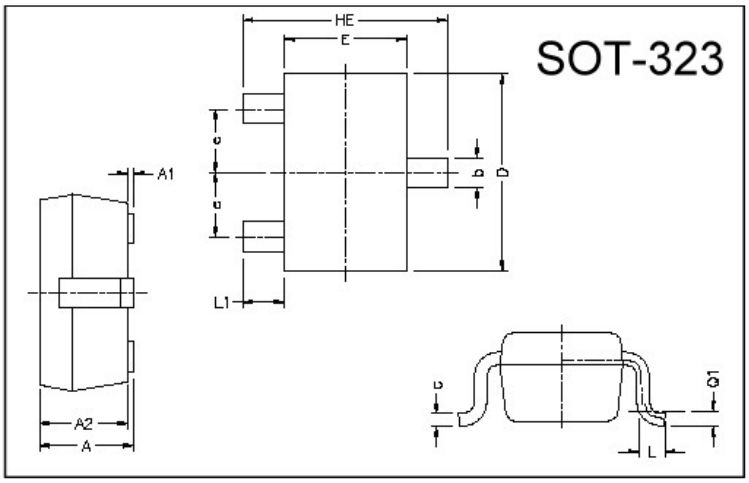
SURFACE MOUNT, SWITCHING DIODE

VOLTAGE 20V, CURRENT 0.1A

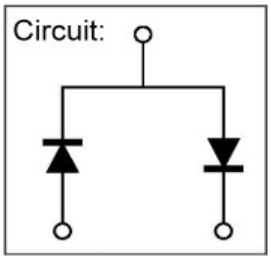
Description

The GS204U is designed for bias circuit and protection circuit.

Package Dimensions







REF.	Millimeter		REF.	Millimeter	
	Min.	Max.		Min.	Max.
A	0.80	1.10	L1	0.42 REF.	
A1	0	0.10	L	0.15	0.35
A2	0.80	1.00	b	0.25	0.40
D	1.80	2.20	c	0.10	0.25
E	1.15	1.35	e	0.65 REF.	
HE	1.80	2.40	Q1	0.15 BSC.	

Absolute Maximum Ratings at Ta = 25℃

Parameter	Symbol	Ratings	Unit
Junction Temperature	Tj	+150	℃
Storage Temperature	Tstg	-55 ~ +150	℃
Maximum Peak Repetitive Reverse Voltage	V_{RRM}	20	V
Maximum RMS Voltage	V_{RMS}	14	V
Maximum DC Blocking Voltage	V_{DC}	20	V
Peak Forward Surge Current at 1uSec	I_{FSM}	0.3	A
Typical Junction Capacitance between Terminal (Note 1)	C_J	2.0	pF
Maximum Average Forward Rectified Current	Io	0.1	A
Total Power Dissipation	PD	225	mW

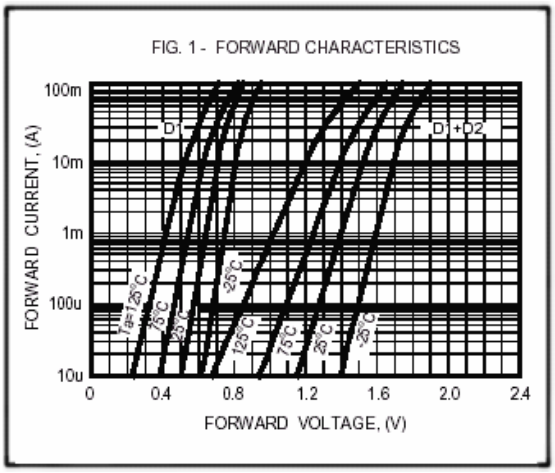
Characteristics at Ta = 25℃

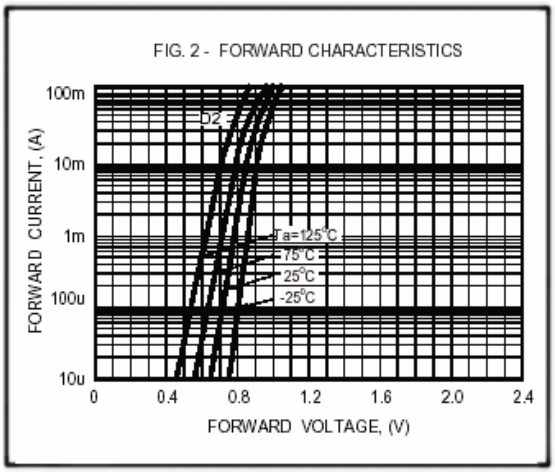
Characteristics	Symbol	Typ.	Unit	Test Condition
Maximum Instantaneous Forward Voltage	V_F	1.00	V	IF = 10mA
Maximum Average Reverse Current	IR	0.1	uA	VR = 15V

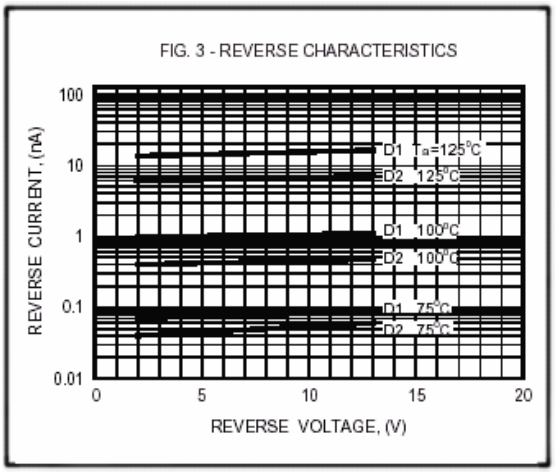
Notes: 1. Measured at 1.0 MHz and applied reverse voltage of 6.0 volt.

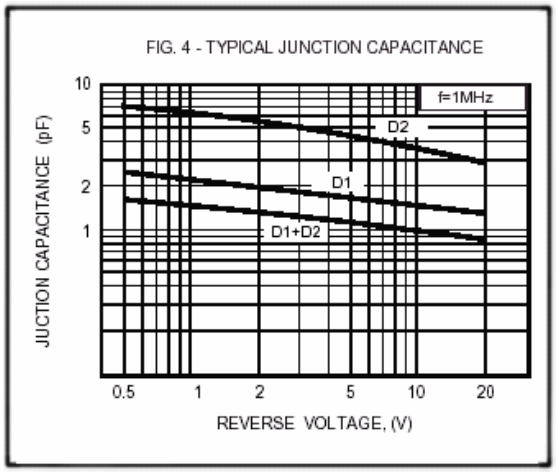
2. ESD sensitive product handling required.

Characteristics Curve









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