1SS356WS

BAND SWITCHING DIODE

Features

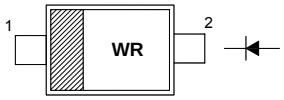
- Small surface mounted type
- High reliability

Applications

- High frequency switching

PINNING

PIN	DESCRIPTION
1	Cathode
2	Anode



Top View
Marking Code: "**WR**"
Simplified outline SOD-323 and symbol

Absolute Maximum Ratings (T_a = 25 °C)

Parameter	Symbol	Value	Unit
Reverse Voltage	V_R	35	V
Forward Current	I_O	100	mA
Junction Temperature	T_J	125	°C
Storage Temperature Range	T_{stg}	- 55 to + 125	°C

Electrical Characteristics at T_a = 25 °C

Parameter	Symbol	Max.	Unit
Forward Voltage at I_F = 10 mA	V_F	1	V
Reverse Current at V_R = 25 V	I_R	10	nA
Capacitance between Terminals at V_R = 6 V, f = 1 MHz	C_T	1.2	pF
Forward Operating Resistance at I_F = 2 mA, f = 100 MHz	r_F	0.9	Ω

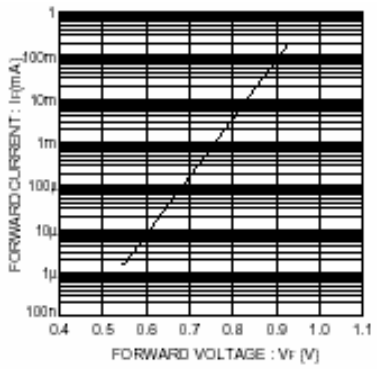


Fig. 1 Forward characteristics

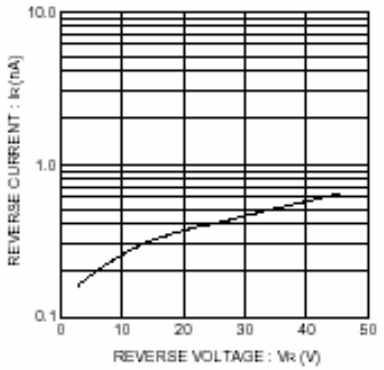


Fig. 2 Reverse characteristics

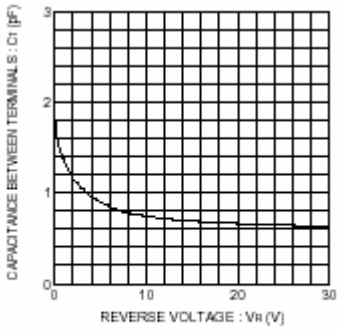


Fig. 3 Capacitance between terminals characteristics

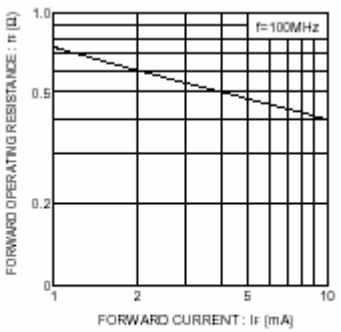
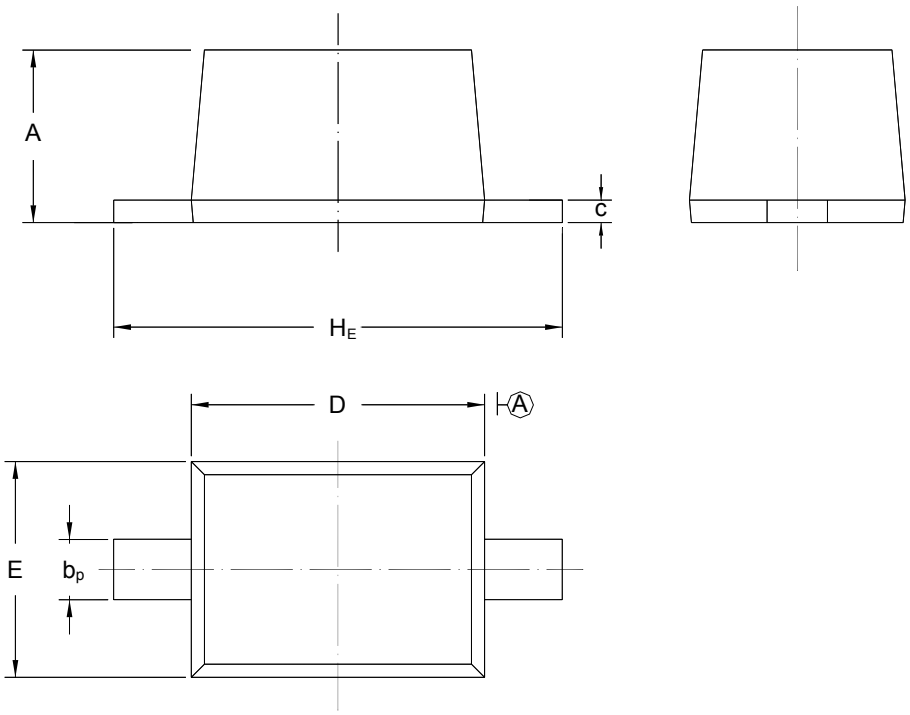


Fig. 4 Forward operating resistance characteristics

PACKAGE OUTLINE

Plastic surface mounted package; 2 leads **SOD-323**



UNIT	A	b_p	C	D	E	H_E
mm	1.10 0.80	0.40 0.25	0.15 0.00	1.80 1.60	1.35 1.15	2.80 2.30