

1SS356

SURFACE MOUNT PIN DIODE

VOLTAGE 35 Volts **POWER** 200 mW

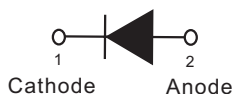
SOD-323 Unit: inch (mm)

FEATURES

Very low series resistance at 100MHz (0.45Ω typical@ $I_F=2mA$)
Low capacitance ($0.8pF$ typical@ $V_R=6V$)
Surface mount package ideally suited for automatic insertion

MECHANICAL DATA

Case: SOD-323 plastic
Terminals : Solderable per MIL-STD-750,Method 2026
Polarity : Color band cathode
Approx Weight: 0.0041 grams
Device Marking : 356



ABSOLUTE RATINGS

Parameter	Symbol	Value	Units
Maximum Reverse Voltage	V_R	35	V

THERMAL CHARACTERISTICS

Parameter	Symbol	Value	Units
Power Dissipation (Note 1)	P_{TOT}	200	mW
Thermal Resistance, Junction to Ambient (Note 1)	R_{JA}	625	$^{\circ}C / W$
Junction Tempereature	T_J	-55 to 150	$^{\circ}C$
Storage Temperature	T_{STG}	-55 to 150	$^{\circ}C$

Note 1 : FR-5 Board 1.0 x 0.75 x 0.062 in.