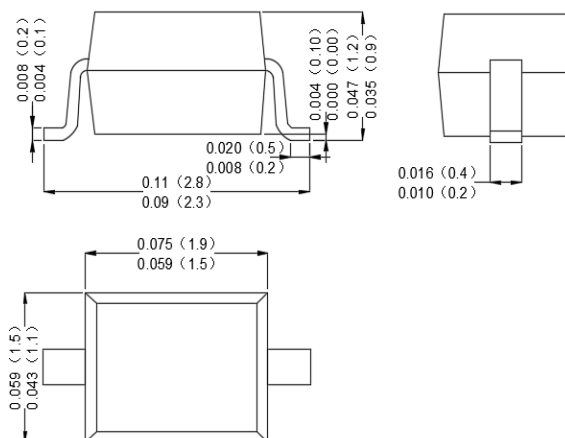




Features

- Small surface mounting type
- High reliability

SOD-323



Dimensions in inches and (millimeters)

Mechanical Data

- Case: Molded Plastic, SOD-323
- Epoxy: UL 94V-0 rate flame retardant
- Terminals: Plated Leads Solderable per MIL-STD-750, Method-2026
- Mounting Position : Any.
- Marking: RJ

Maximum Ratings Maximum Ratings (Rating at 25°C ambient temperature unless otherwise specified.)

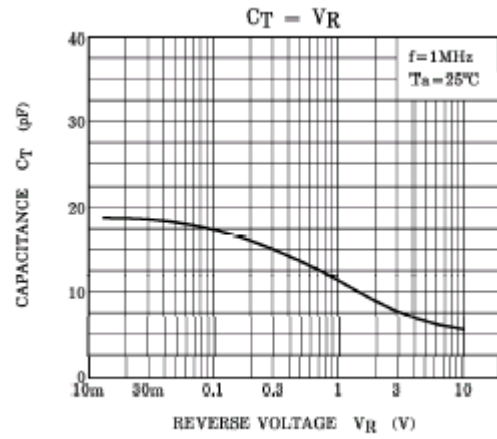
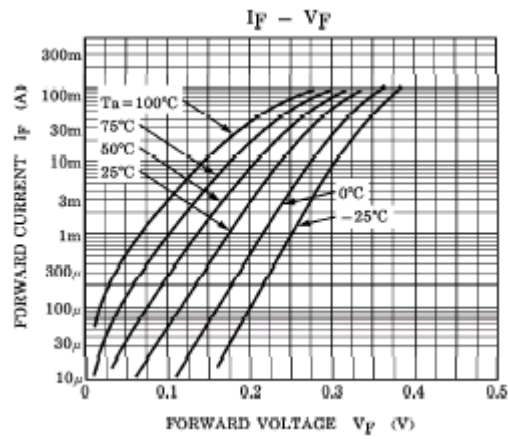
Parameter	Symbol	Value	Unit
Peak Reverse Voltage	V_{RM}	25	V
Reverse Voltage	V_R	20	V
Average Forward Rectified Current	I_O	100	mA
Peak Forward Current	I_{FM}	200	mA
Peak Forward Surge Current (60 Hz for 1 Cyc.)	I_{FSM}	1	A
Junction Temperature	T_j	125	°C
Storage Temperature Range	T_{stg}	- 55 to + 125	°C

Electrical Characteristics (Rating at 25°C ambient temperature unless otherwise specified.)

Parameter	Symbol	Typ.	Max.	Unit
Forward Voltage at $I_F = 100$ mA	V_F	-	0.44	V
Reverse Current at $V_R = 20$ V	I_R	-	25	μA
Capacitance Between Terminals at $V_R = 10$ V, $f = 1$ MHz	C_T	8	-	pF



Rating And Characteristic Curves





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