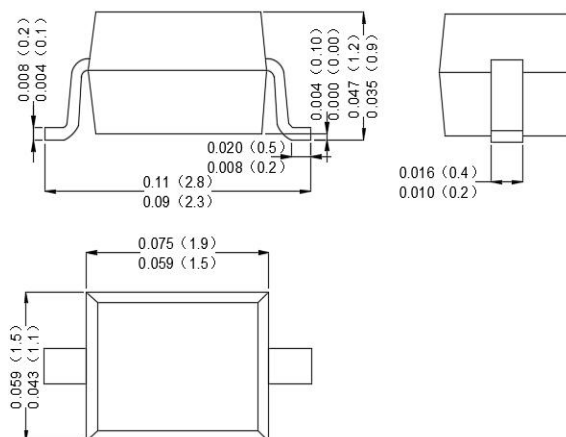




Features

- for high frequency rectification

SOD-323



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: RH

Dimensions in inches and (millimeters)

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

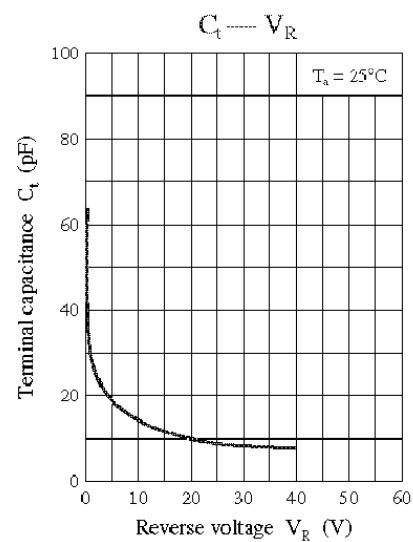
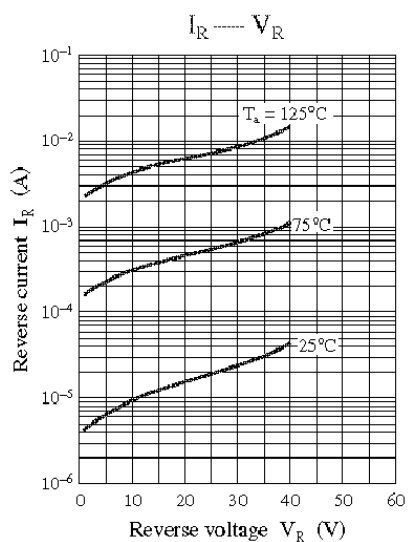
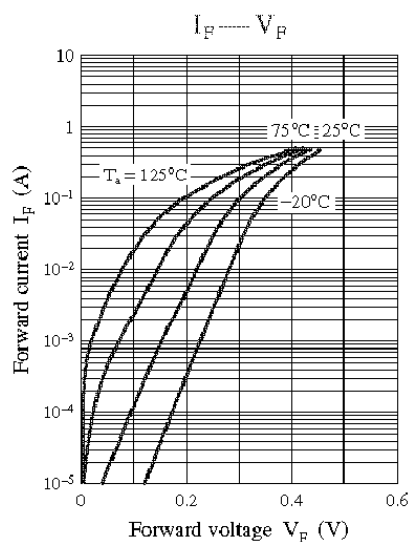
Parameter	Symbol	Value	Unit
Peak Reverse Voltage	V_{RM}	40	V
Reverse Voltage	V_R	40	V
Average Forward Current	I_O	0.5	A
Non-repetitive Peak Forward Surge Current	I_{FSM}	2	A
Junction Temperature	T_j	125	°C
Storage Temperature Range	T_{stg}	- 55 to + 150	°C

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

Parameter	Symbol	Typ.	Max.	Unit
Forward Voltage at $I_F = 500$ mA	V_F	-	0.55	V
Reverse Current at $V_R = 35$ V	I_R	-	100	μA
Terminal Capacitance at $V_R = 0$ V, $f = 1$ MHz	C_T	60	-	pF
Reverse Recovery Time at $I_F = I_R = 100$ mA, $I_{rr} = 10$ mA, $R_L = 100$ Ω	t_{rr}	5	-	nS



Rating And Characteristic Curves





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