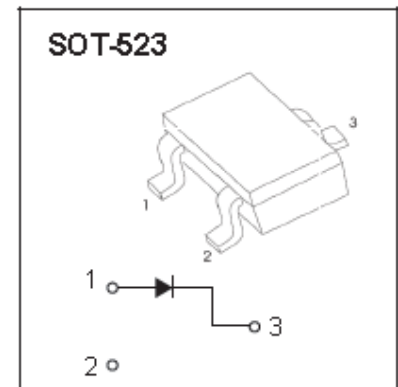
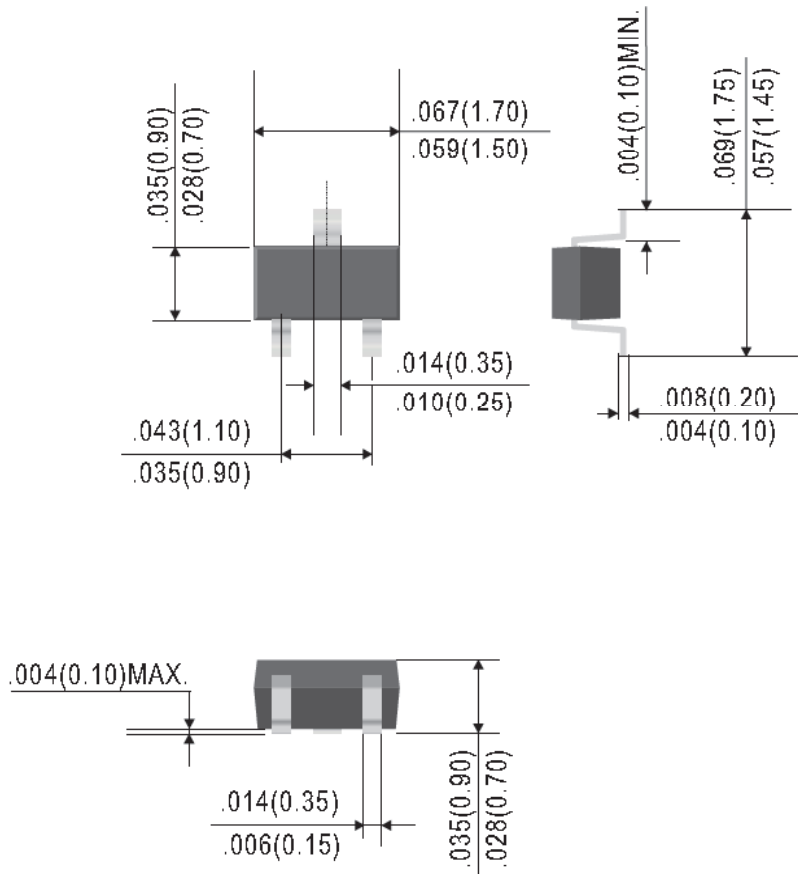




Dimensions in inches and (millimeters)

FEATURES

- Fast Switching Speed
- For General Purpose Switching Applications
- High Conductance
- Pb-Free package is available
- RoHS product for packing code suffix "G"
- Halogen free product for packing code suffix "H"
- Moisture Sensitivity Level 1

MARKING: T3

Plastic-Encapsulate Diodes

Maximum Ratings ($T_a=25^{\circ}\text{C}$ unless otherwise noted)			
Parameter	Symbol	Limit	Unit
Peak Repetitive Reverse Voltage	V_{RRM}	250	V
Working Peak Reverse Voltage	V_{RWM}		
DC Blocking Voltage	V_R		
Forward Continuous Current	I_{FM}	400	mA
Average Rectified Forward Current	I_O	200	mA
Non-Repetitive Peak Forward Surge Current	I_{FSM}	2.5	A
		0.5	
Power Dissipation	P_D	150	mW
Thermal Resistance From Junction To Ambient	$R_{\theta JA}$	833	$^{\circ}\text{C/W}$
Junction temperature	T_J	150	$^{\circ}\text{C}$
Operating/ Storage temperature	T_{STG}	-55~+150	$^{\circ}\text{C}$

Electrical Characteristics ($T_a=25^{\circ}\text{C}$ unless otherwise noted)						
Parameter	Symbol	Test conditions	Min.	Typ.	Max.	Unit
Reverse Breakdown Voltage	$V_{(BR)}$	$I_R=100\mu\text{A}$	250	—	—	V
Reverse Voltage Leakage Current	I_R	$V_R=200\text{V}$	—	—	100	nA
Forward Voltage	V_F	$I_F=100\text{mA}$	—	—	1	V
		$I_F=200\text{mA}$	—	—	1.25	
Total Capacitance	C_T	$V_R=0\text{V}$, $f=1\text{MHz}$	—	—	5	pF
Reverse Recovery Time	t_{rr}	$I_F=I_R=30\text{mA}$	—	—	50	ns
		$I_{rr}=0.1I_R$, $R_L=100\Omega$				