

**Small Signal Diode**

- ↔ Surface device type mounting
- ↔ Moisture sensitivity level 1
- ↔ Matte Tin(Sn) lead finish with Nickel(Ni) underplate
- ↔ Pb free version and RoHS compliant

↔ Case : SOT- 23 small outline plastic package

	<b>Min</b>	<b>Max</b>	<b>Min</b>	<b>Max</b>
	1.50	1.70	0.059	0.067
	3.55	3.85	0.140	0.152
	0.45	0.65	0.018	0.026
	2.60	2.80	0.102	0.11
	1.05	1.25	0.041	0.049
	0.08	0.15	0.003	0.006

Package  
SOT-23

**Maximum Ratings**

**Electrical Characteristics**

Reverse Breakdown Voltage	$I_R =$	100 $\mu$ A
	$I_F =$	1.0mA
	$I_F =$	10mA
	$I_F =$	50mA
	$I_F =$	150mA
Reverse Leakage Current	$V_R =$	75V
Junction Capacitance	$V_R = 0, f = 1.0\text{MHz}$	
Reverse Recovery Time (Note 2)		

Notes:1. Valid provided that electrodes are kept at ambient temperature  
Notes:2. Reverse Recovery Test Conditions:  $I_F = 10\text{mA}, I_R = 10\text{mA}, R_t = 100$