

60 mA



SOT-23

1. Anode 1
2. Anode 2
3. Cathode

- GENERAL PURPOSE DETECTION
- HIGH SPEED SWITCHING
- LOW REVERSE CURRENT AND FORWARD VOLTAGE

MAXIMUM RATINGS AND ELECTRICAL CHARACTERISTICS (  $T_a=25^\circ\text{C}$  )  
 BETWEEN PIN 1 AND PIN 3 OR PIN2 AND PIN3

PARAMETERS	SYMBOL	MIN	TYP	MAX	UNIT	CONDITION
Reverse Voltage	$V_R$			40	V	$I_R=1\text{mA}$
Rectifying Current	$I_O$			30	mA	
Peak Surge Current	$I_{FSM}$			200	mA	60Hz
Forward Voltage	$V_F$			0.37	V	$I_F=1\text{mA}$
Reverse Current	$I_R$			1	$\mu\text{A}$	$V_R=10\text{V}$
Capacitance Between Terminal	$C_T$		2.0		pF	$V_R=1\text{V}, f=1\text{MHz}$
Power Dissipation	$P_c$			0.2	W	
Junction Temperature	$T_j$			125		
Storage Temperature	$T_{stg}$	-40		125		



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