

30 mA



SOT-23

1. Anode 1
2. NC
3. Cathode

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

MAXIMUM RATINGS AND ELECTRICAL CHARACTERISTICS ($T_a=25^\circ\text{C}$)

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	μA	$V_R=10\text{V}$
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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