



Micro Commercial Components 20736 Marilla Street Chatsworth CA 91311

Phone: (818) 701-4933 Fax: (818) 701-4939

1SS181

Features

- Low Forward Voltage
- Low Leakage Current
- Surface Mount SOT-23 Package
- Epoxy meets UL 94 V-0 flammability rating
- Moisture Sensitivity Level 1







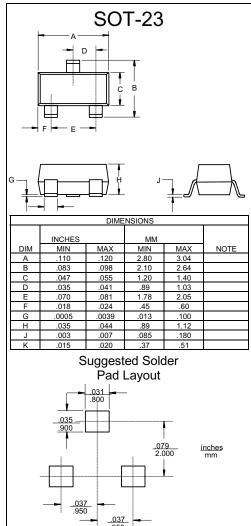
Maximum Ratings

Reverse Voltage	V_R	80V
Forward Current	I _F	100mA
Surge Current (10ms)	I _{FSM}	2.0A
Power Dissipation @ T _A =25°C	P _D	150mW
Storage Temperature Range	T _{stg}	-55°C to +150°C
Junction Temperature	Tj	150 ℃

Electrical Characteristics @ 25° C Unless Otherwise Specified

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Minimum Reverse Breakdown Voltage	V _(BR)	80V	$I_R=100\mu A$ $T_A=25^{\circ}C$
Maximum Forward Voltage	V_{F}	1.2V	$I_F = 100 \text{mA};$ $T_A = 25^{\circ}\text{C}$
Maximum Reverse Voltage Leakage Current	I _R	0.5µA	V_R =80Volts T_A = 25°C
Maximum Diode Capacitance	C _D	4.0pF	Measured at f=1.0MHz, V _R =0
Maximum Reverse Recovery Time	t _{rr}	4.0ns	I _F = 10mA

150mW High Speed Switching Diodes 80 Volt





Ordering Information:

Device	Packing
Part Number-TP	Tape&Reel: 3Kpcs/Reel

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