

Micro Commercial Components



Micro Commercial Components 20736 Marilla Street Chatsworth CA 91311

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Features

- Low Forward Voltage
- Low Leakage Current
- Surface Mount SOT-23 Package
- Epoxy meets UL 94 V-0 flammability rating
- Moisture Sensitivity Level 1
- Halogen free available upon request by adding suffix "-HF"

Pin Configuration Top View





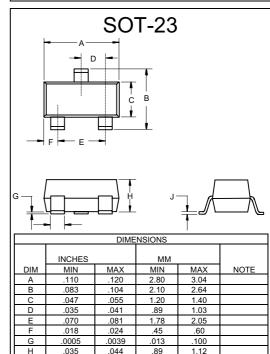
Maximum Ratings

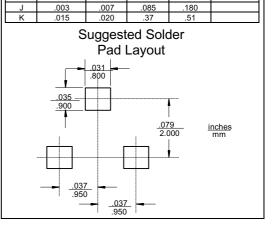
Reverse Voltage	V_R	80V
Forward Current	I _F	100mA
Surge Current (10ms)	I _{FSM}	2.0A
Power Dissipation @ T _A =25°C	P_{D}	150mW
Storage Temperature Range	T _{stg}	-55°ℂ to +150°ℂ
Junction Temperature	T _j	150 ℃

Electrical Characteristics @ 25% 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 = 100mA; T _A = 25°C
Maximum Reverse Voltage Leakage Current	I _R	0.5μΑ	V_R =80Volts $T_A = 25^{\circ}C$
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





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Ordering Information:

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

Note: Adding "-HF" suffix for halogen free, eg. Part Number-TP-HF

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