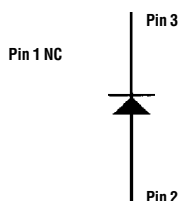


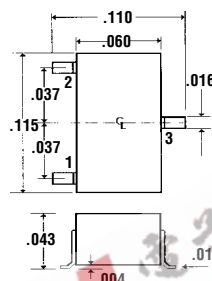
200 mW EPITAXIAL PLANAR DIODES

FMBBAS19...21

Description



Mechanical Dimensions



Features

■ **PLANAR PROCESS**

■ **200 mW POWER DISSIPATION**

■ **INDUSTRY STANDARD SOT-23 PACKAGE**

■ **MEETS UL SPECIFICATION 94V-0**

Electrical Characteristics @ 25°C. FMBBAS19...21				Units
Maximum Ratings				
Peak Reverse Voltage... V_{RM}	120	200	250	Volts
RMS Reverse Voltage... $V_{R(rms)}$	100	150	200	Volts
Average Forward Rectified Current... I_O	.....	625	.....	mAmps
Non-Repetitive Peak Forward Surge Current... I_{FSM}	.....	2.5	.....	Amps
Forward Voltage... V_F @ $I_F = 100$ mA	.....	1.0	.....	Volts
DC Reverse Current... I_R @ $V_R = 70V$	.....	0.1	.....	μAmps
Power Dissipation... P_D	.....	200	.....	mW
Reverse Recovery Time... t_{RR}	.....	50	.....	nS
Operating Temperature Range... T_J	.....	-25 to 85	.....	°C
Storage Temperature Range... T_{STRG}	.....	-65 to 150	.....	

°C

Device Under Test

