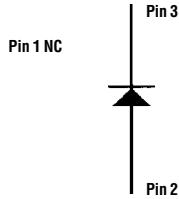
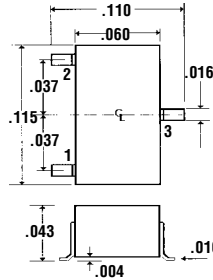


**Description**



**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	FMBBAS19	FMBBAS20	FMBBAS21	
Peak Reverse Voltage... $V_{RM}$	120	200	250	Volts
RMS Reverse Voltage... $V_{R(rms)}$	100	150	200	Volts
Average Forward Rectified Current... $I_0$	.....	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**

