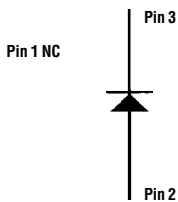
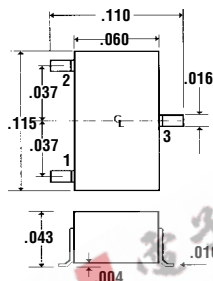


**Description**



**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		$\mu$ Amps
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**

