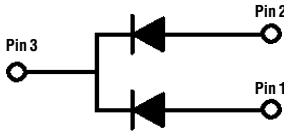
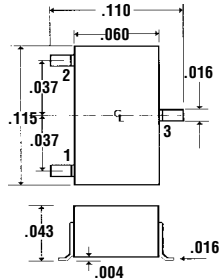


**FMBAV70**

## Description



## Mechanical Dimensions



## Features

- PLANAR PROCESS
- 200 mW POWER DISSIPATION

- INDUSTRY STANDARD SOT-23 PACKAGE
- MEETS UL SPECIFICATION 94V-0

Electrical Characteristics @ 25°C.	FMBAV70	Units
<b>Maximum Ratings</b>		
Peak Reverse Voltage... $V_{RM}$	85	Volts
RMS Reverse Voltage... $V_{R(rms)}$	75	Volts
Average Forward Rectified Current... $I_0$	625	mAmps
Non-Repetitive Peak Forward Surge Current... $I_{FSM}$	4.0	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
Typical Junction Capacitance... $C_j$	1.5	pF
Reverse Recovery Time... $t_{RR}$	4.0	nS
Operating Temperature Range... $T_J$	-25 to 85	°C
Storage Temperature Range... $T_{STRG}$	-65 to 150	°C

## Device Under Test

