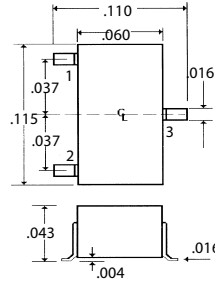
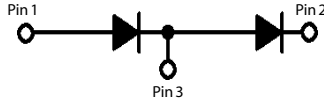
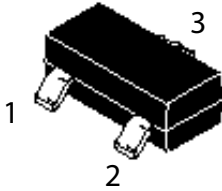


**Description**

**Mechanical Dimensions**



**BAV99**

**Features**

- n High-Speed Switching Series Diode Pair
- n LOW FORWARD VOLTAGE

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

	BAV99	Units
<b>Maximum Ratings</b>		
Peak Reverse Voltage... $V_{RRM}$	160	V
Reverse Voltage... $V_{R(rms)}$	160	V
Forward Current... $I_F$	215	mA
Repetitive Forward Current... $I_{FRM}$	450	mA
Repetitive Forward Surge Current... $1ms@I_{FSM}$	1000	mA
Total Power Dissipation... $P_D$	250	mW
Junction Temperature... $T_J$	150	°C
Storage Temperature Range... $T_{STG}$	-55 to 150	°C
<b>Electrical Characteristics</b>		
Maximum Forward Voltage... $V_F$		
@ $I_F = 1.0$ mA	715	mV
@ $I_F = 10$ mA	855	mV
@ $I_F = 50$ mA	1000	mV
@ $I_F = 150$ mA	1250	mV
Maximum Reverse Current... $I_R$ @ $V_R = 70V$	1.0	µA
Maximum Diode Capacitance... $C_D$	1.5	pF
Maximum Reverse Recovery Time...TRR	50	ns
<small><math>I_F = I_R = 10mA, R_L = 100\Omega</math> Measured @ <math>I_R = 1mA</math></small>		