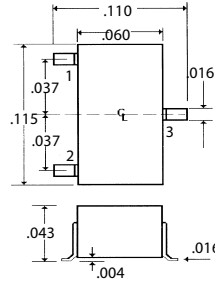
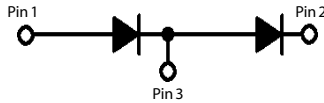
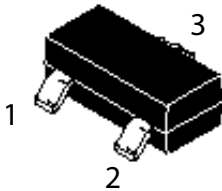


Description

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
Maximum Ratings		
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
Electrical Characteristics		
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
$I_F = I_R = 10mA, R_L = 100\Omega$ Measured @ $I_R = 1mA$		