



Micro Commercial Components

Micro Commercial Components
20736 Marilla Street Chatsworth
CA 91311

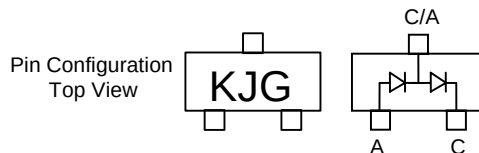
Phone: (818) 701-4933

Fax: (818) 701-4939

BAV99WT

Features

- Low Current Leakage
- Low Cost
- Small Outline Surface Mount Package
- Case Material: Molded Plastic. UL Flammability Classification Rating 94V-0



Maximum Ratings

- Operating Temperature: -55°C to +150°C
- Storage Temperature: -55°C to +150°C

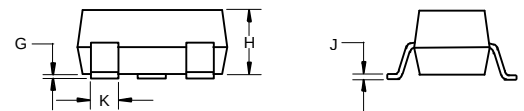
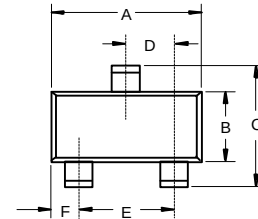
Electrical Characteristics @ 25°C Unless Otherwise Specified

Reverse Voltage	V_R	75V	
Average Rectified Output Current	I_O	150mA	
Power Dissipation	P_{TOT}	200mW	
Maximum Instantaneous Forward Voltage	V_F	715mV 855mV 1000mV 1250mV	$I_{FM} = 1mA$; $I_{FM} = 10mA$; $I_{FM} = 50mA$; $I_{FM} = 150mA$;
Maximum DC Reverse Current At Rated DC Blocking Voltage	I_R	2.5 μ A	$V_R = 75V$; $T_J = 25^\circ C$
Typical Junction Capacitance	C_J	2.0pF	Measured at 1.0MHz, $V_R = 0V$
Reverse Recovery Time	T_{rr}	4nS	$I_F = 10mA$ $V_R = 0V$ $R_L = 100\Omega$

*Pulse test: Pulse width 300 μ sec, Duty cycle 2%

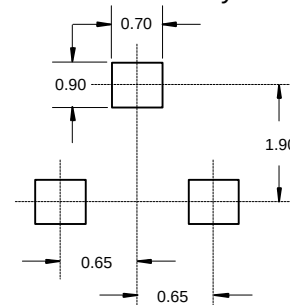
200mW 75Volt Plastic-Encapsulate Diode

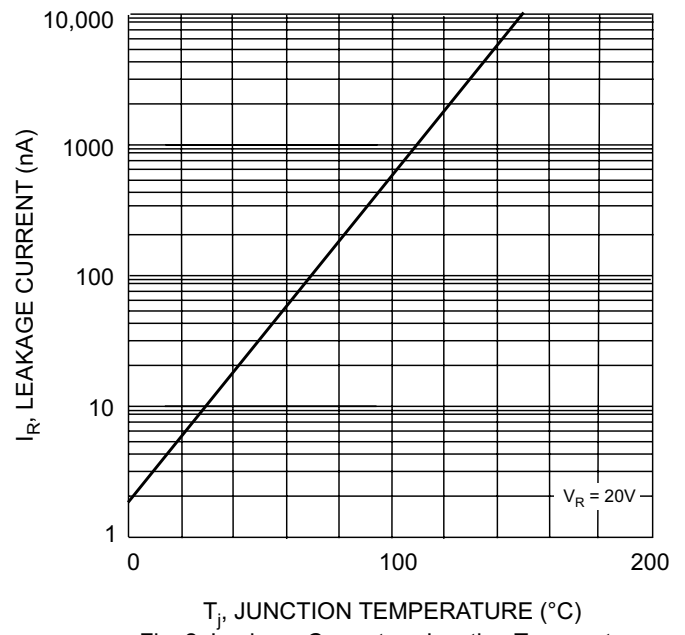
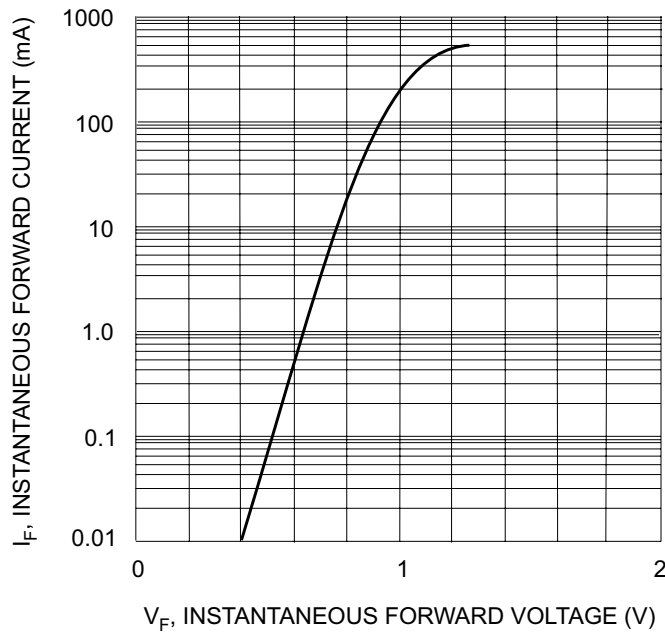
SOT-323



DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	.071	.087	1.80	2.20	
B	.045	.053	1.15	1.35	
C	.079	.087	2.00	2.20	
D	.026 Nominal		0.65 Nominal		
E	.047	.055	1.20	1.40	
F	.012	.016	.30	.40	
G	.000	.004	.000	.100	
H	.035	.039	.90	1.00	
J	.004	.010	.100	.250	
K	.012	.016	.30	.40	

Suggested Solder Pad Layout







Micro Commercial Components

*****IMPORTANT NOTICE*****

Micro Commercial Components Corp. reserves the right to make changes without further notice to any product herein to make corrections, modifications , enhancements , improvements , or other changes . *Micro Commercial Components Corp.* does not assume any liability arising out of the application or use of any product described herein; neither does it convey any license under its patent rights ,nor the rights of others . The user of products in such applications shall assume all risks of such use and will agree to hold *Micro Commercial Components Corp.* and all the companies whose products are represented on our website, harmless against all damages.

*****APPLICATIONS DISCLAIMER*****

Products offer by *Micro Commercial Components Corp.* are not intended for use in Medical, Aerospace or Military Applications.