

**Micro Commercial Components** 



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## Features

- Low Current Leakage
- Low Cost
- Small Outline Surface Mount Package
- Lead Free Finish/Rohs Compliant ("P"Suffix designates RoHS Compliant. See ordering information)
- Marking:A4/JA
- Epoxy meets UL 94 V-0 flammability rating
- Moisture Sensitivity Level 1

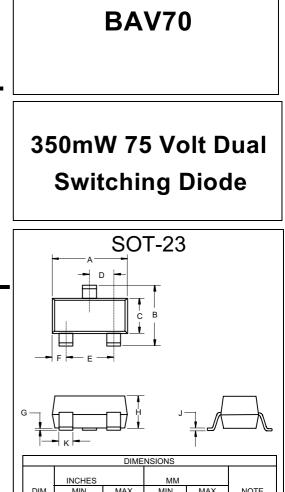


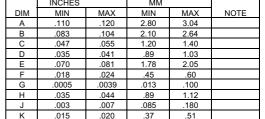
- Operating Temperature: -55°C to +150°C
- Storage Temperature: -55°C to +150°C
- Maximum Thermal Resistance; 357K/W Junction To Ambient

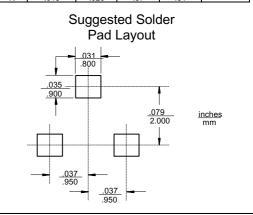
### Electrical Characteristics @ 25°C Unless Otherwise Specified

Reverse Voltage	V <sub>R</sub>	75V	
Average Rectified	lo	150mA	
Output Current			
Power Dissipation	P <sub>TOT</sub>	350mW	
Peak Forward Surge	I <sub>FSM</sub>	1.0A	t=1s,Non-Repetitive
Current			
Maximum			
Instantaneous	V <sub>F</sub>	855mV	I <sub>FM</sub> = 10mA;
Forward Voltage			T <sub>J</sub> = 25°C*
Maximum DC			V <sub>R</sub> =75Volts
Reverse Current At	I <sub>R</sub>	2.5µA	T <sub>J</sub> = 25°C
Rated DC Blocking		50µA	T <sub>J</sub> = 150°C
Voltage		•	
Typical Junction	CJ	2 pF	Measured at
Capacitance			1.0MHz, V <sub>R</sub> =0V
Reverse Recovery	T <sub>rr</sub>	4nS	I <sub>F</sub> =10mA
Time			$V_R = 0V$
			R <sub>L</sub> =500Ω

\*Pulse test: Pulse width 300 µsec, Duty cycle 2%







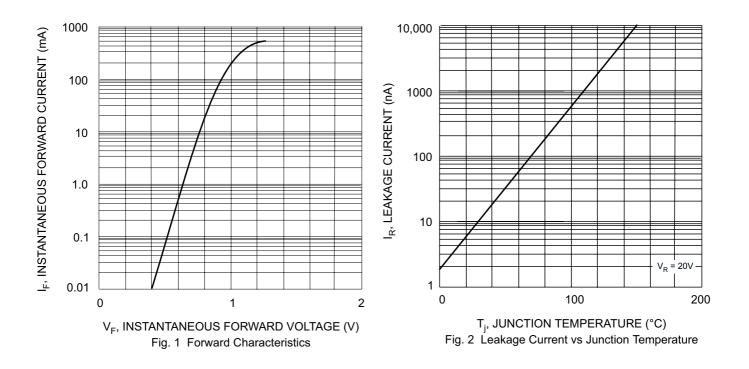
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2011/01/01

## BAV70



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### **Ordering Information :**

Device	Packing	
Part Number-TP	Tape&Reel: 3Kpcs/Reel	

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MCC's products are not authorized for use as critical components in life support devices or systems without the express written approval of Micro Commercial Components Corporation.

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