

Micro Commercial Components



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С

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
- Halogen free available upon request by adding suffix "-HF"

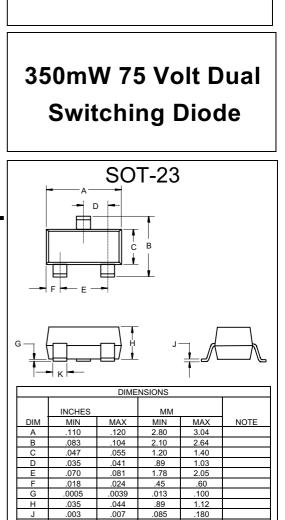
Maximum Ratings

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

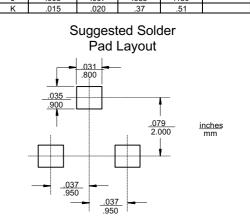
Electrical Characteristics @ 25°C Unless Otherwise Specified

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

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



BAV70



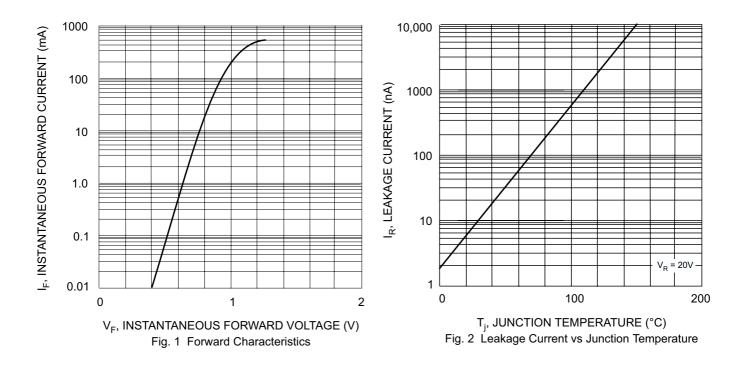
www.mccsemi.com

Revision: B

BAV70



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Ordering Information :

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

Note : Adding "-HF" suffix for halogen free, eg. Part Number-TP-HF

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

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