查询BAV70DW-7-F供应商



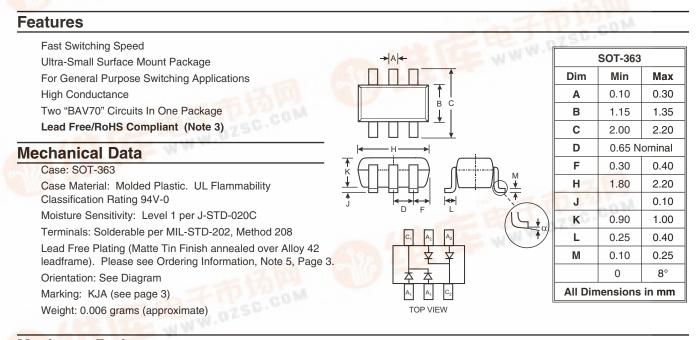
捷多邦,

BAV70DW



QUAD SURFACE MOUNT SWITCHING DIODE ARRAY

专业PCB打样工厂,24小时加急出货



Maximum Ratings @ TA = 25 C unless otherwise specified

Characteristic	Symbol	Value	Unit	
Non-Repetitive Peak Reverse Voltage	V _{RM}	100	V	
Peak Repetitive Reverse Voltage Working Peak Reverse Voltage DC Blocking Voltage	V _{RRM} V _{RWM} V _R	75 4.02	V	
RMS Reverse Voltage	V _{R(RMS)}	53	V	
Forward Continuous Current (Note 1)	I _{FM}	300	mA	
Average Rectified Output Current (Note 1)	lo	150	mA	
Non-Repetitive Peak Forward Surge Current @ t = 1.0 s @ t = 1.0s	IFSM	2.0 1.0	А	
Power Dissipation (Note 1)	Pd	200	mW	
Thermal Resistance Junction to Ambient Air (Note 1)	R JA	625	°C/W	
Operating and Storage Temperature Range	Tj, TSTG	-65 to +150	С	

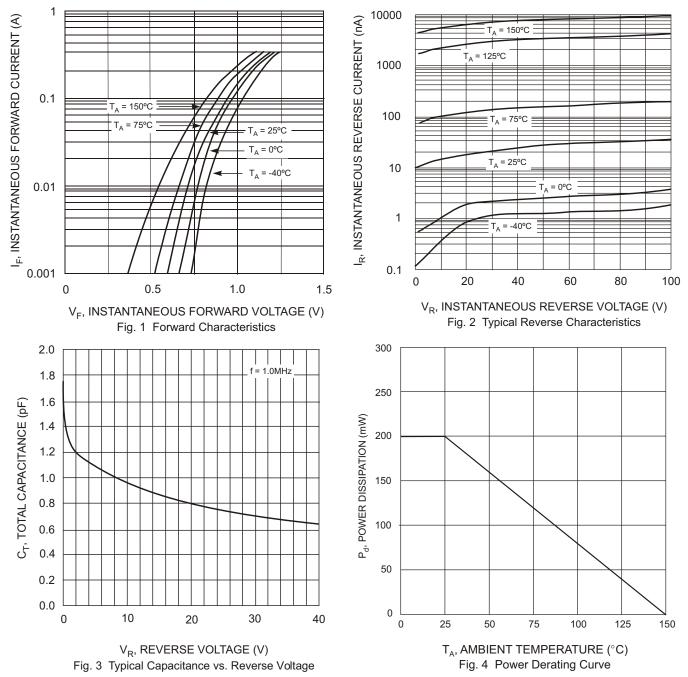
Electrical Characteristics @ T_A = 25 C unless otherwise specified

Characteristic	Symbol	Min	Test Condition				
Reverse Breakdown Voltage (Note 2)	V _{(BR)R}	75		V	I _F = 2.5 A		
Forward Voltage	V _F	e	0.715 0.855 1.0 1.25	v	I _F = 1.0mA I _F = 10mA I _F = 50mA I _F = 150mA		
Reverse Current (Note 2)	I _R		2.5 50 30 25	A A A nA	$ \begin{array}{l} V_{R} = 75V \\ V_{R} = 75V, \ T_{j} = 150 \ C \\ V_{R} = 25V, \ T_{j} = 150 \ C \\ V_{R} = 20V \end{array} $		
Total Capacitance	Ст		2.0	pF	V _R = 0, f = 1.0MHz		
Reverse Recovery Time	t _{rr}		4.0	ns	$I_F = I_R = 10mA,$ $I_{rr} = 0.1 \text{ x } I_R, R_L = 100$		

 Device mounted on FR-4 PCB, 1 inch x 0.85 inch x 0.062 inch; pad layout as shown on Diodes Inc. suggested pad layout document AP02001, which can be found on our website at http://www.diodes.com/datasheets/ap02001.pdf.
Short duration test pulse used to minimize self-heating effect.

dzsc.com3. No purposefully added lead.





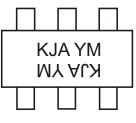


Ordering Information (Note 4)

Device	Packaging	Shipping			
BAV70DW-7-F	SOT-363	3000/Tape & Reel			

Notes: 4. For Packaging Details, go to our website at http://www.diodes.com/datasheets/ap02007.pdf.

Marking Information



 $\begin{array}{l} \mathsf{KJA} = \mathsf{Product} \ \mathsf{Type} \ \mathsf{Marking} \ \mathsf{Code} \\ \mathsf{YM} = \mathsf{Date} \ \mathsf{Code} \ \mathsf{Marking} \\ \mathsf{Y} = \mathsf{Year} \ \mathsf{ex} : \mathsf{N} = 2002 \\ \mathsf{M} = \mathsf{Month} \ \mathsf{ex} : \mathsf{9} = \mathsf{September} \end{array}$

Date Code Key

Year	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Code	М	N	Р	R	S	Т	U	V	W	Х	Y	Z
Month	Jan	Feb	March	Apr	Мау	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Code	1	2	3	4	5	6	7	8	9	0	N	D

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