#### 查询BAV99BRW\_1供应商

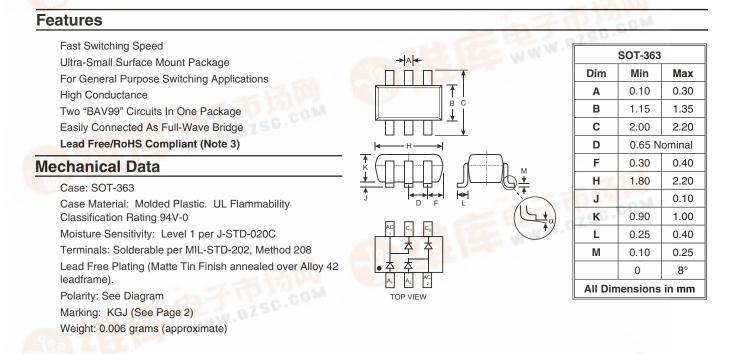


# **BAV99BRW**



## QUAD SURFACE MOUNT SWITCHING DIODE ARRAY

捷多邦,专业PCB打样工厂,24小时加急出货



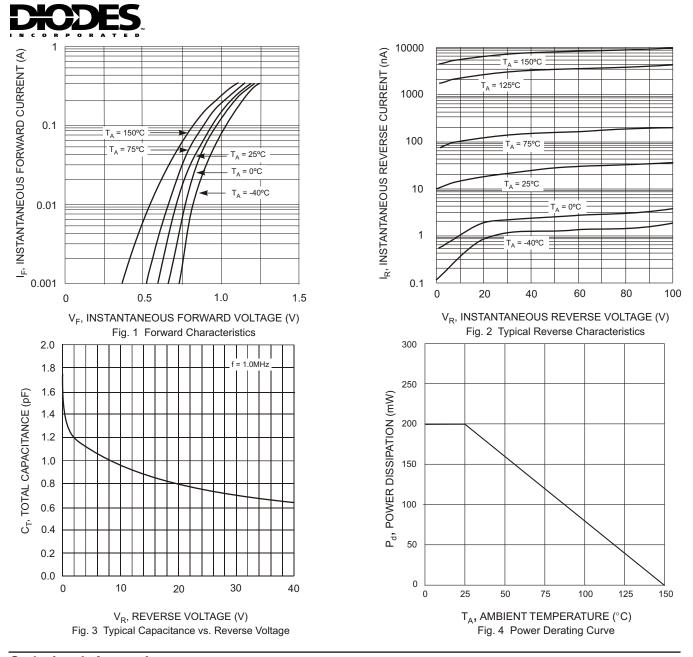
Characteristic	Symbol	Value	Unit
Non-Repetitive Peak Reverse Voltage	V <sub>RM</sub>	100	V
Peak Repetitive Reverse Voltage Working Peak Reverse Voltage DC Blocking Voltage	V <sub>RBM</sub> V <sub>RWM</sub> V <sub>R</sub>	75	V
RMS Reverse Voltage	V <sub>R(RMS)</sub>	53	V
Forward Continuous Current (Note 1)	I <sub>FM</sub>	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	A
Power Dissipation (Note 1)	Pd	200	mW
Thermal Resistance Junction to Ambient Air (Note 1)	R <sub>JA</sub>	625	C/W
Operating and Storage Temperature Range	Tj, TSTG	-65 to +150	С

### Electrical Characteristics @ TA = 25 C unless otherwise specified

Characteristic	Symbol	Min	Мах	Unit	Test Condition
Reverse Breakdown Voltage (Note 2)	V <sub>(BR)R</sub>	75		V	I <sub>R</sub> = 2.5 A
Forward Voltage	V <sub>F</sub>		0.715 0.855 1.0 1.25	V	$\begin{array}{l} I_F = 1.0mA\\ I_F = 10mA\\ I_F = 50mA\\ I_F = 150mA \end{array}$
Reverse Current (Note 2)	I <sub>R</sub>		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 <sub>R</sub> = 0, f = 1.0MHz
Reverse Recovery Time	t <sub>rr</sub>		4.0	ns	$I_F = I_R = 10mA,$ $I_{rr} = 0.1 \text{ x } I_R, R_L = 100$

Notes: 1. Device mounted on FR-4 PC board with recommended pad layout, which can be found on our website at http://www.diodes.com/datasheets/ap02001.pdf. SC.COP Short duration test pulse used to minimize self-heating effect. З.

No purposefully added lead.



## Ordering Information (Note 4 & 5)

Device	Packaging	Shipping		
BAV99BRW-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**

Marking Inform	ation											
		_	$\Box$	$\Box$	$\Box$							
	KGJ = Product Type Marking Code YM = Date Code Marking Y = Year ex: N = 2002 M = Month ex: 9 = September											
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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