查询BAT54DW_1供应商

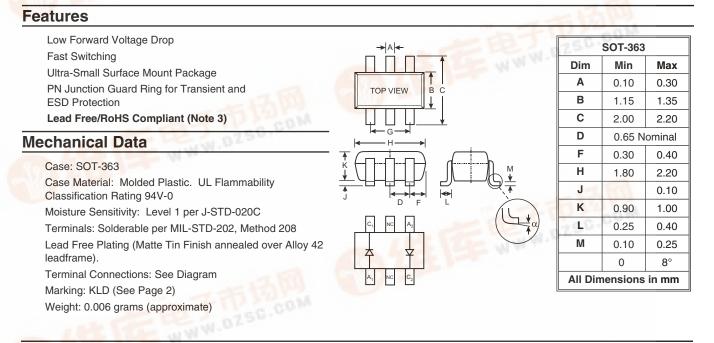
捷多邦,专业PCB打样工厂,24小时加急出货



free

BAT54DW

DUAL SURFACE MOUNT SCHOTTKY BARRIER DIODE



Maximum Ratings @ TA = 25 C unless otherwise specified

Characteristic	Symbol	Value	Unit		
Peak Repetitive Reverse Voltage Working Peak Reverse Voltage DC Blocking Voltage	V _{RRM} V _{RWM} V _R	30	LSC.COM		
Average Rectified Forward Current	lo	100	mA		
Forward Continuous Current (Note 1)	- VIE	200	mA		
Repetitive Peak Forward Current (Note 1)	IFRM	300	mA		
Forward Surge Current (Note 1) @ t < 1.0s	I _{FSM}	600	mA		
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, T _{STG}	-65 to +125	С		

Electrical Characteristics @ T_A = 25 C unless otherwise specified

Characteristic	Symbol	Min	Тур	Max	Unit	Test Condition
Reverse Breakdown Voltage (Note 2)	V _{(BR)R}	30	1-1-		V	I _{RS} = 100 A
Forward Voltage	VF	0		240 320 400 500 1000	mV	$ \begin{array}{ll} I_{F}=& 0.1mA\\ I_{F}=& 1mA\\ I_{F}=& 10mA\\ I_{F}=& 30mA\\ I_{F}=& 100mA \end{array} $
Reverse Leakage Current (Note 2)	I _R			2.0	А	V _R = 25V
Total Capacitance	Ст			10	pF	V _R = 1.0V, f = 1.0MHz
Reverse Recovery Time	t _{rr}			5.0	ns	$I_F = 10mA$ through $I_R = 10mA$ to $I_R = 1.0mA$, $R_L = 100$

Notes: 1. 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

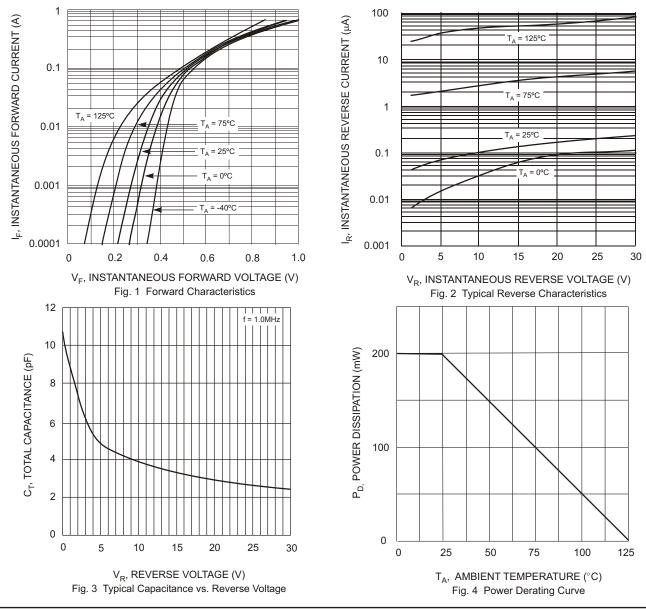
document AP02001, which can be found on our website at http://www.diodes.com/datasheets/ap02001.pdf.

2. Short duration test pulse used to minimize self-heating effect.

3. No purposefully added lead.







Ordering Information (Note 4)

Device	Packaging	Shipping			
BAT54DW-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

			KLD YM ארם גא			KLD = Product Type Marking Code YM = Date Code Marking Y = Year ex: N = 2002 M = Month ex: 9 = September							
Date Code Key		L											
Year	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	
Code	М	Ν	Р	R	S	Т	U	V	W	X	Y	Z	
Month	Jan	Feb	March	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
Code	1	2	3	4	5	6	7	8	9	0	N	D	



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