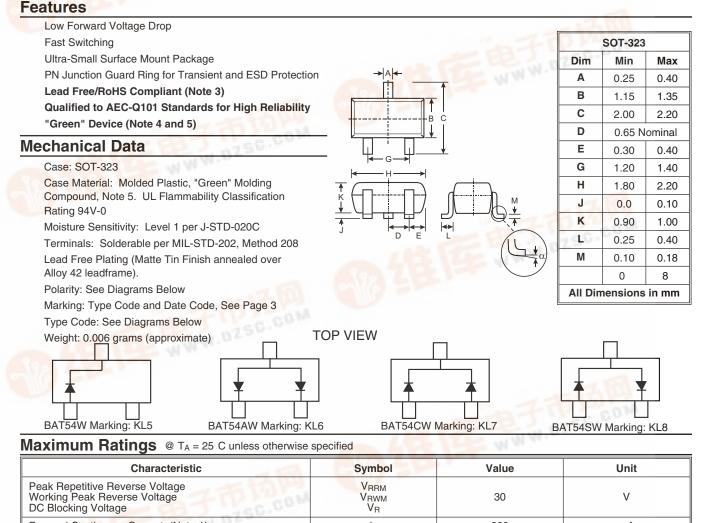
查询BAT54CW-7-F供应商



捷多邦,专业PCB打样工厂,24小时加急出货

BAT54W /AW /CW /SW

SURFACE MOUNT SCHOTTKY BARRIER DIODE



Forward Continuous Current (Note 1)		lF	200	mA
Repetitive Peak Forward Current (Note 1)	I _{FRM}	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 Rang	ge	Тј, Т _{STG}	-65 to +125	С

Electrical Characteristics @ T_A = 25 C unless otherwise specified

Characteristic	Symbol	Min	Тур	Мах	Unit	Test Condition
Reverse Breakdown Voltage (Note 2)	V _{(BR)R}	30			V	I _R = 100 A
Forward Voltage	VF			240 320 400 500 1000	mV	$ \begin{array}{rcl} I_{F} = & 0.1 mA \\ I_{F} = & 1 mA \\ I_{F} = & 10 mA \\ I_{F} = & 30 mA \\ I_{F} = & 100 mA \end{array} $
Reverse Leakage Current (Note 2)	I _R			2.0	А	V _R = 25V
Total Capacitance	CT			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 $I_R = 1.0mA$, $R_L = 100$

Motes 1. Mounted on FR4 PC Board with recommended pad layout which can be found on our website at http://www.diodes.com/datasheets/ap02001.pdf.

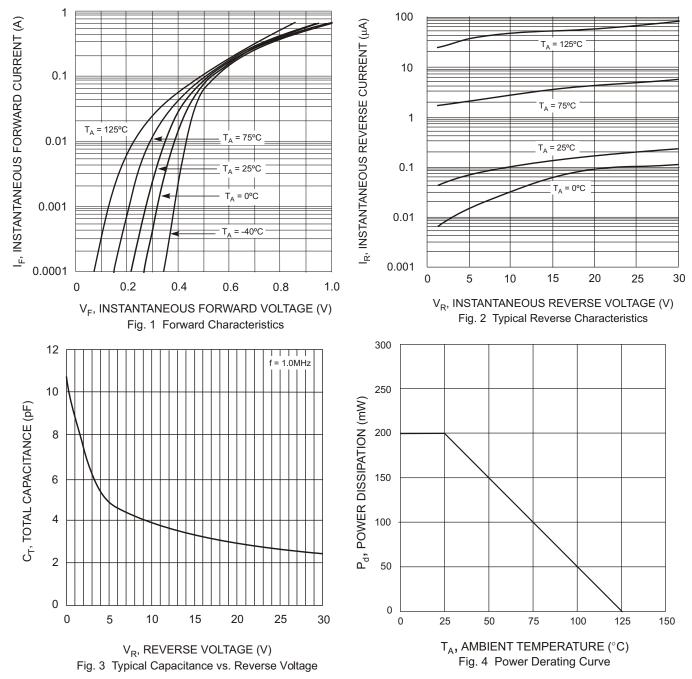
Short duration test pulse used to minimize self-heating effect.

No purposefully added lead.

Diodes Inc.'s "Green" policy can be found on our website at http://www.diodes.com/products/lead_free/index.php.

5. Product manufactured with Date Code 0609 (week 9, 2006) and newer are built with Green Molding Compound. Product manufactured prior to Date







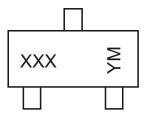
Ordering Information (Note 5 and 6)

Device	Packaging	Shipping
BAT54W-7-F	SOT-323	3000/Tape & Reel
BAT54AW-7-F	SOT-323	3000/Tape & Reel
BAT54CW-7-F	SOT-323	3000/Tape & Reel
BAT54SW-7-F	SOT-323	3000/Tape & Reel

Notes: 5. Product manufactured with Date Code 0609 (week 9, 2006) and newer are built with Green Molding Compound. Product manufactured prior to Date Code 0609 are built with Non-Green Molding Compound and may contain Halogens or Sb2O3 Fire Retardants.

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

Marking Information



 $\begin{array}{l} XXX = \mbox{Product Type Marking Code (See Page 1 Diagrams)} \\ YM = \mbox{Date Code Marking} \\ Y = \mbox{Year ex: } N = 2002 \\ M = \mbox{Month ex: } 9 = \mbox{September} \end{array}$

Date Code Key

Year	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Code	L	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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