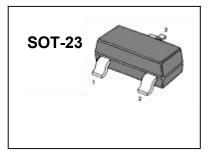
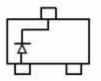


FEATURES

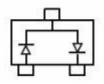
Extremely Fast Switching Speed











BAT54 MARKING: KL1

BAT54A MARKING: KL2

BAT54C MARKING: KL3

BAT54S MARKING: KL4

Maximum Ratings @T_A=25℃

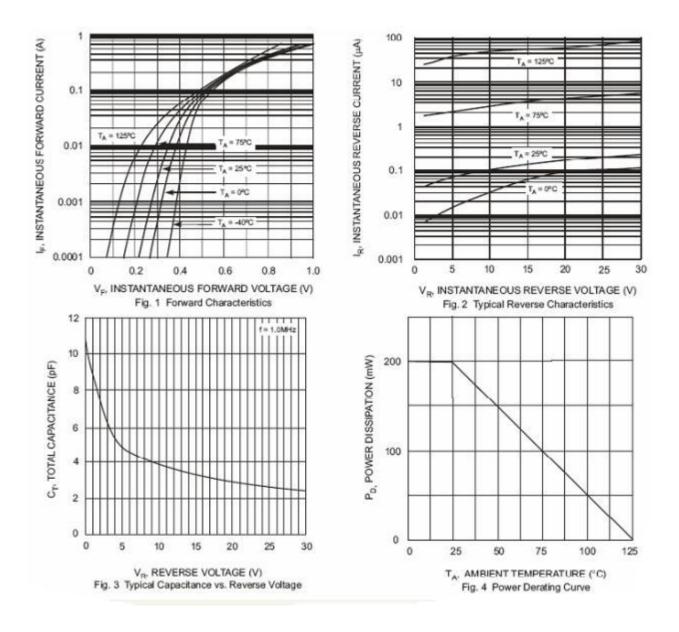
Parameter	Symbol	Limits	Unit
Peak Repetitive Peak reverse voltage	Vrrm		
Working Peak Reverse Voltage	V _{RWM}	30	V
	VR		
DC BI ki V It Forward Continuous Current	IFM	200	mA
Power Dissipation	PD	200	mW
Storage temperature	Tstg	-55-150	°C

Electrical Characteristics $@T_A=25^{\circ}C$

Parameter	Symbol	Min.	Тур.	Max.	Unit	Conditions
Reverse Breakdown Voltage	V (BR)R	30			V	IR=100µA
	V _{F1}			0.24	V	I _F =0.1mA
Forward voltage	VF2			0.32	V	I _F =1mA
	V _{F3}			0.40	V	l⊧=10mA
	VF4			0.50	V	l⊧=30mA
	V _{F5}			1	V	IF=100mA
Reverse current	IR			2	μA	Vr=25V
Diode Capacitance	CD			10	pF	V _R =1V,f=1MHz
Reverse Recovery Time	trr			5	nS	I _F =I _R =10mA
						Irr=0.1XI _R ,RL=100Ω

HF ROHS SXSEM

BAT54,BAT54A,BAT54C,BAT54S SCHOTTKY DIODES

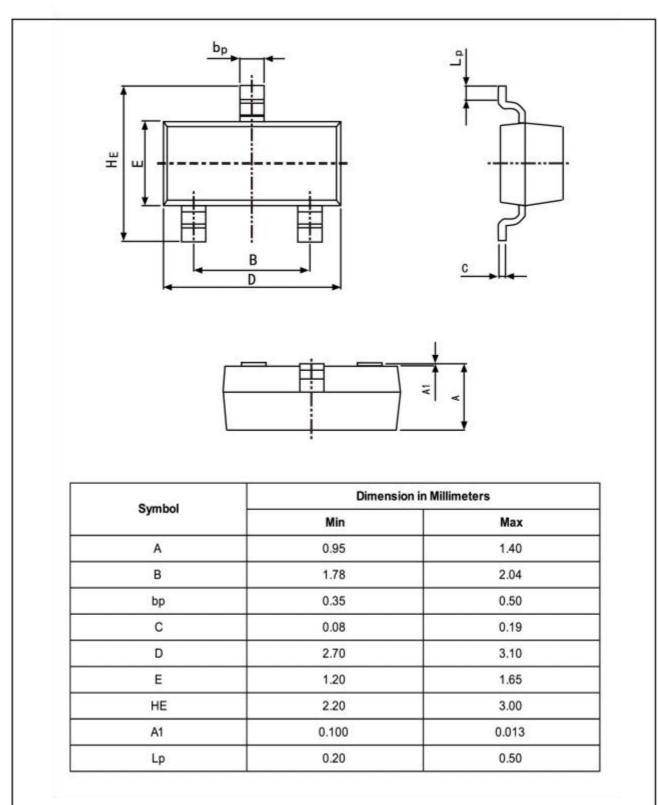




PACKAGE OUTLINE

Plastic surface mounted package; 3 leads







BAT54,BAT54A,BAT54C,BAT54S SCHOTTKY DIODES

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