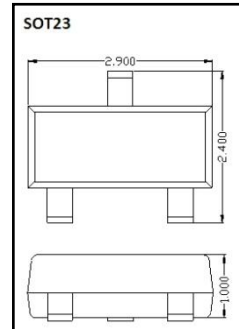


- ◇ Fast Switching Speed
- ◇ Operating and storage junction temperature range -65 °C To 150 °C
- ◇ Small Outline Surface Mount Package
- ◇ RoHS compliant / Green EMC
- ◇ Epoxy meets UL 94 V-0 flammability rating

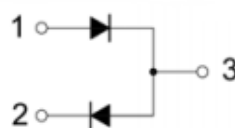


MAXIMUM RATINGS (Ta = 25 °C)

Symbol	Parameter	Value	Units
V_{BR}	Reverse Breakdown Voltage	250	V
V_R	Continuous Reverse Voltage	200	V
$V_{R(RMS)}$	RMS Reverse Voltage	141	V
I_{FM}	Forward DC Current at Tamb=25°C	400	mA
$R_{\theta JA}$	Thermal Resistance Junction to Ambient Air	555s	°C/W
P_d	Power Dissipation	350	mW
I_{FSM}	Non-Repetitive Peak Forward Surge Current @ t = 1.0us	9.0	A
	@ t = 100us	3.0	
	@ t = 10ms	1.7	
I_{FRM}	Repetitive Peak Forward Surge Current	625	mA

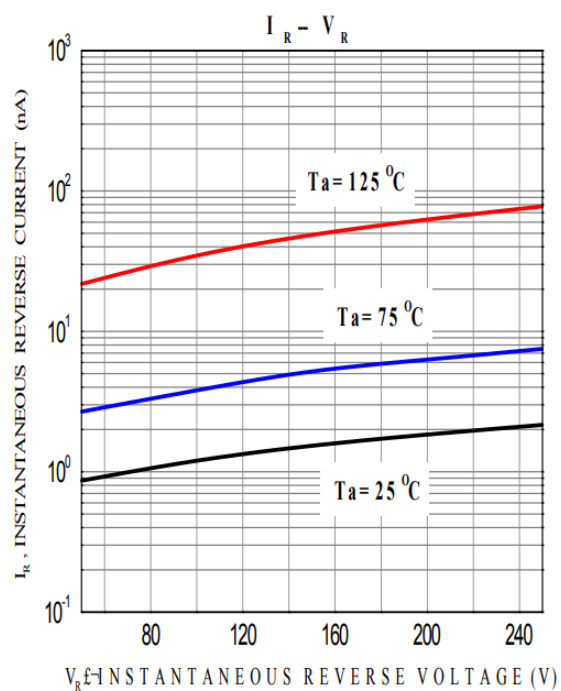
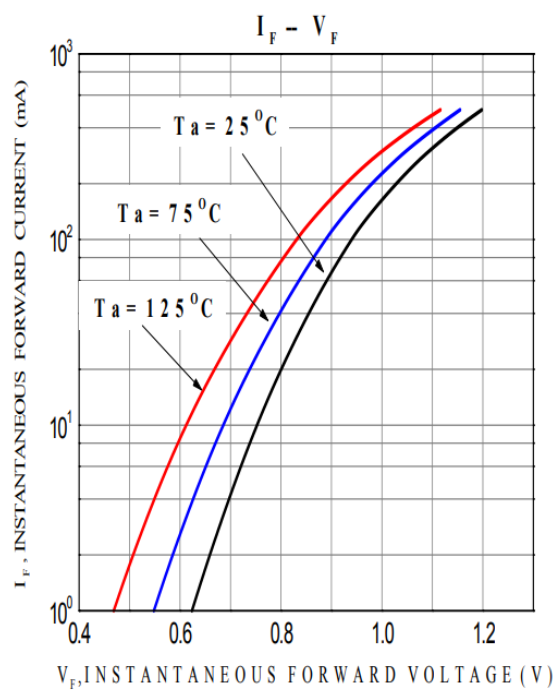
ELECTRICAL CHARACTERISTICS (Ta = 25 °C)

Symbol	Parameter	Test Conditions	Min	Typ	Max	Units
V_F	Forward Voltage	$I_F=100mA$			1.00	V
		$I_F=200mA$			1.25	
V_R	Reverse breakdown voltage	$I_R=100uA$	250			V
I_R	Reverse voltage leakage current	$V_R=250V$			100	nA
C_J	Typical Junction Capacitance	$V_R=0V, f=1.0MHz$		5		pF
T_{rr}	Reverse recovery time	$I_F=I_R=30mA, I_{rr}=3.0mA$ $RL=100\Omega$			50	nS



MARKING:JS4

TYPICAL CHARACTERISTICS



ORDERING INFORMATION

Device	Package	Shipping	Tape wide	Emboss pitch	Tape specification	Notes
BAS21S	SOT23	Tape & Reel 3000pcs /7" Reel	8mm	4mm	Conductive	

PACKAGE DIMENSIONS

