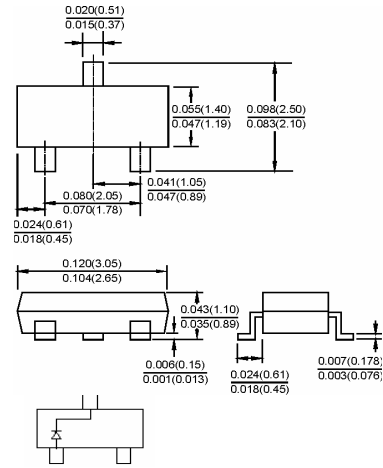




Features

- ✧ Low leakage current applications
- ✧ Medium speed switching times
- ✧ Marking: JV



Dimensions in inches and (millimeters)

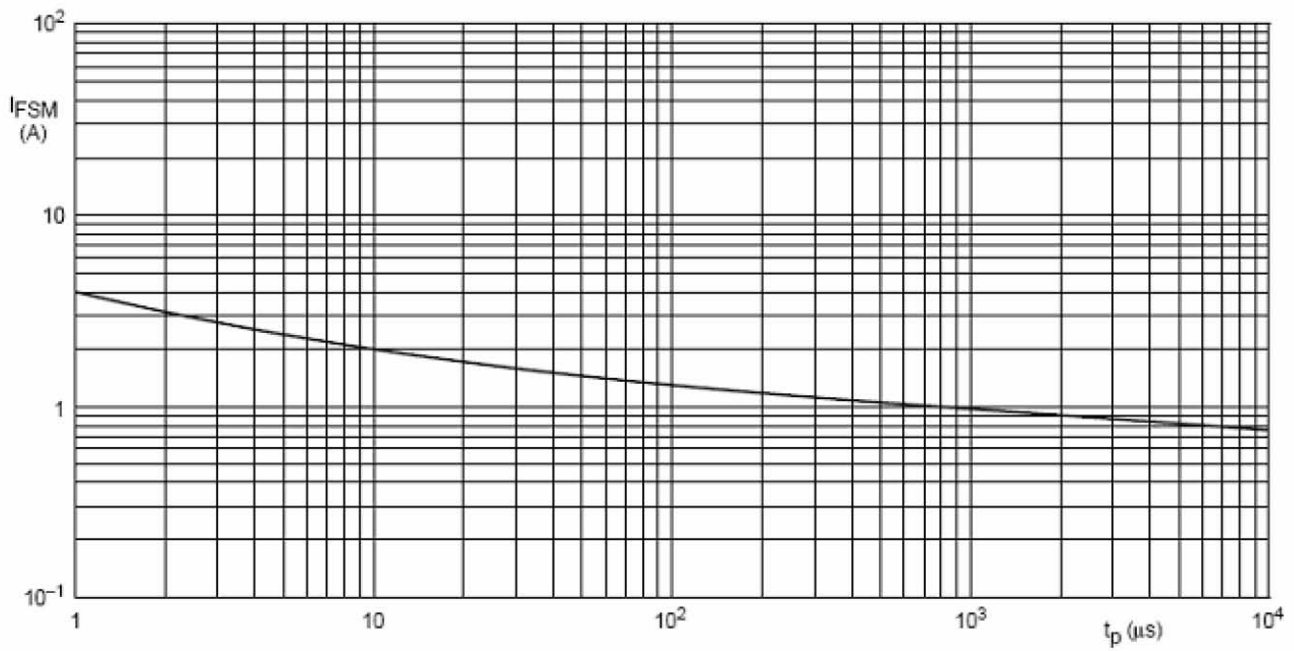
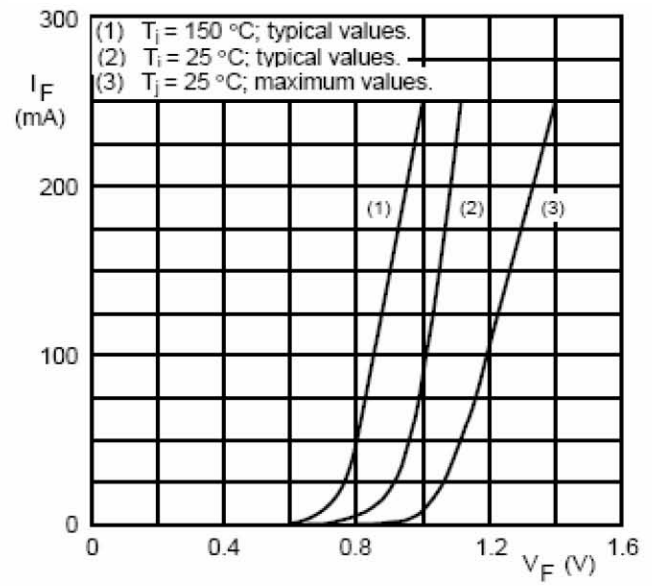
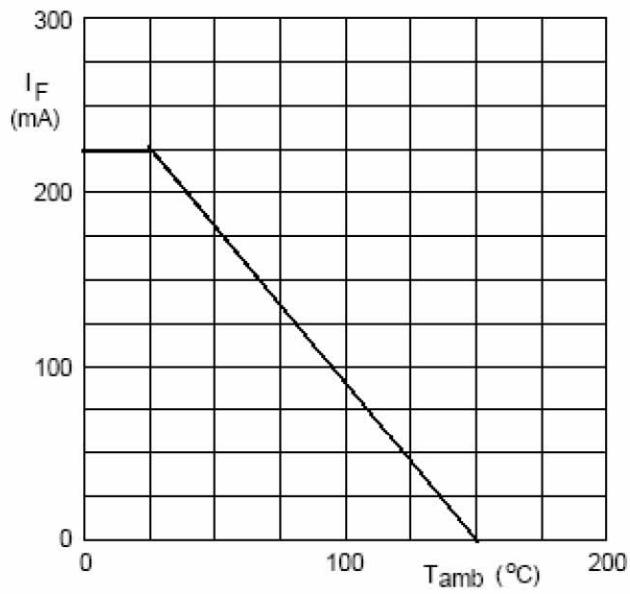
Maximum Ratings and Electrical Characteristics

Rating at 25°C ambient temperature unless otherwise specified.

Maximum Ratings				
Type Number	Symbol	Value	Units	
Peak Repetitive Reverse Voltage	V_{RRM}	75	V	
Working Peak Reverse Voltage	V_{RWM}			
DC Blocking Voltage	V_R			
Forward Continuous Current	I_{FM}	200	mA	
Power Dissipation	P_d	225	mW	
Operating and Storage Temperature Range	T_J, T_{STG}	-55 to + 150	°C	
Electrical Characteristics				
Type Number	Symbol	Min	Max	Units
Reverse Breakdown Voltage $I_R=100\mu A$	$V_{R(BR)}$	75		V
Forward Voltage $I_F=1.0mA$ $I_F=10mA$ $I_F=50mA$ $I_F=150mA$	V_F	-	0.9 1.0 1.1 1.25	V
Peak Reverse Current $V_R=75V$	I_R		5	nA
Junction Capacitance $V_R=0, f=1.0MHz$	C_j	-	2.0	pF
Reverse Recovery Time (Note 1)	t_{rr}	-	3	uS

Notes: 1. Reverse Recovery Test Conditions: $I_F=I_R=10mA$, $I_{rr}=0.1 \times I_R$, $R_L=100\Omega$.

RATINGS AND CHARACTERISTIC CURVES (BAS116)



RATINGS AND CHARACTERISTIC CURVES (BAS116)

