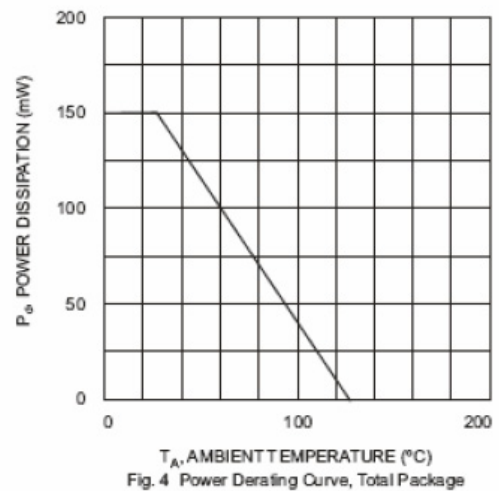
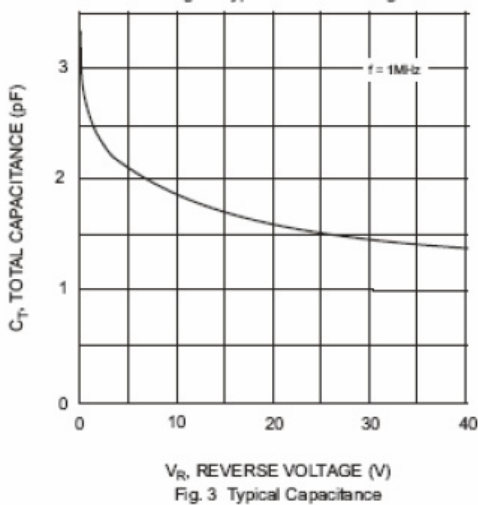
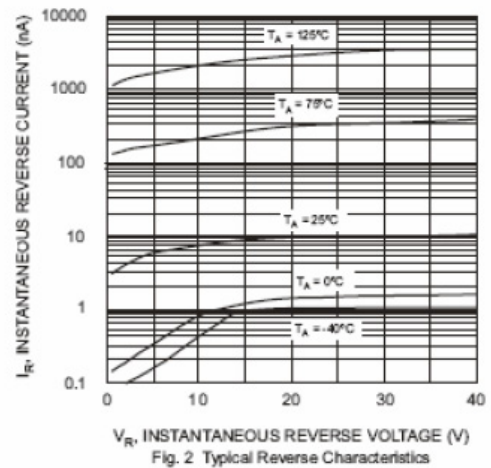
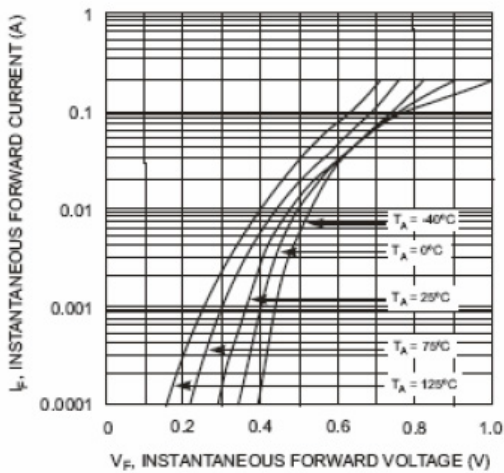


**Electrical Characteristics** ( $T_A = 25^\circ\text{C}$  unless otherwise noted)

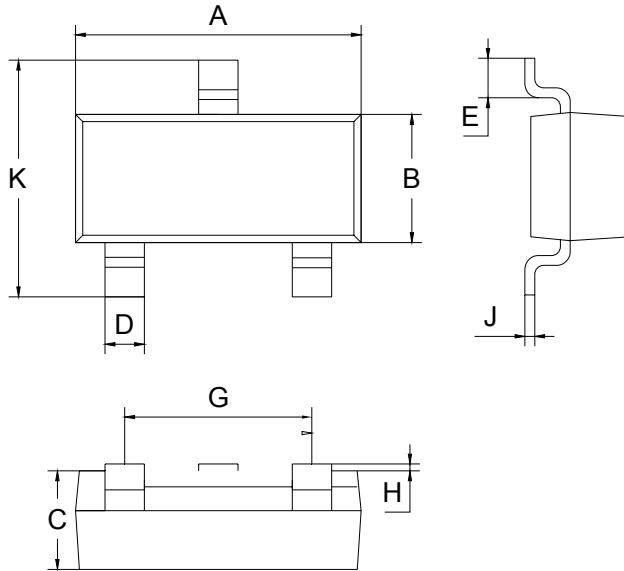
Characteristic	Symbol	Min	Max	Unit	Test Condition
Reverse Breakdown Voltage	$V_{(BR)R}$	70		V	$I_{(BR)} = 10\mu\text{A}$
Forward Voltage	$V_F$	-	410 1000	mV	$t_P < 300\mu\text{s}, I_F = 1.0\text{mA}$ $t_P < 300\mu\text{s}, I_F = 15\text{mA}$
Reverse Leakage Current	$I_R$	-	100	nA	$t_P < 300\mu\text{s}, V_R = 50\text{V}$
Junction Capacitance	$C_j$	-	2.0	pF	$V_R = 0\text{V}, f = 1.0\text{MHz}$
Reverse Recovery Time	$t_{rr}$	-	5.0	ns	$I_F = I_R = 10\text{mA}$ to $I_R = 1.0\text{mA}, R_L = 100\Omega$

**Typical Characteristic Curves** ( $T_A = 25^\circ\text{C}$  unless otherwise noted)



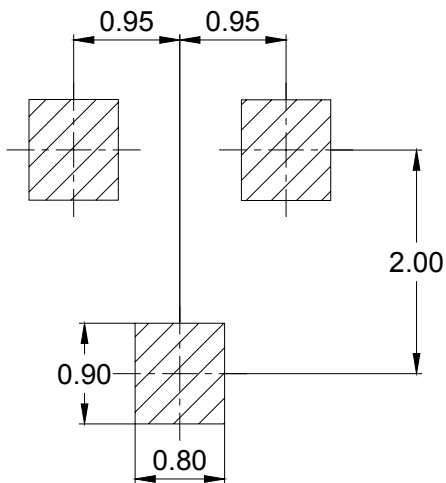
**Package Outline Dimensions**

**SOT-23**



SOT-23		
Dim	Min	Max
A	2.70	3.10
B	1.10	1.50
C	1.0 Typical	
D	0.4 Typical	
E	0.35	0.48
G	1.80	2.00
H	0.02	0.1
J	0.1 Typical	
K	2.20	2.60
All Dimensions in mm		

**Suggested Pad Layout**



Unit : mm