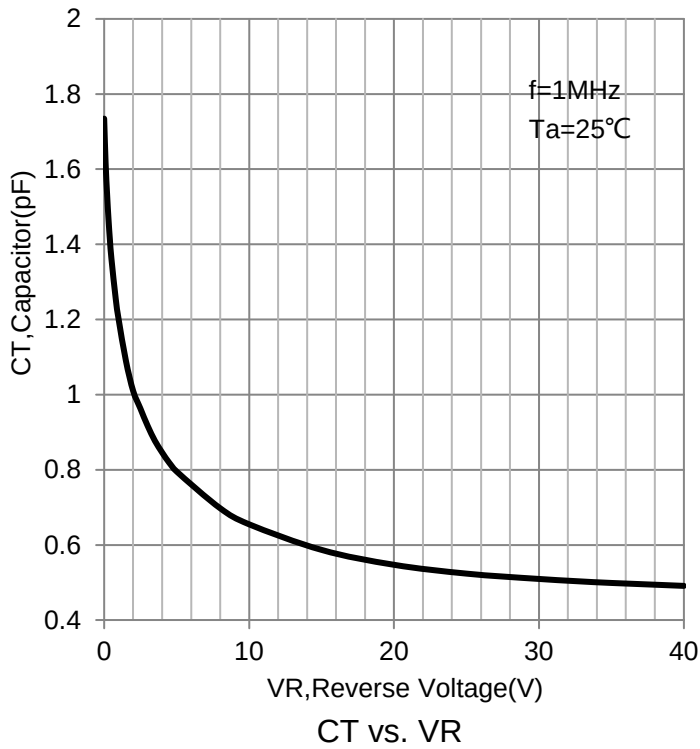
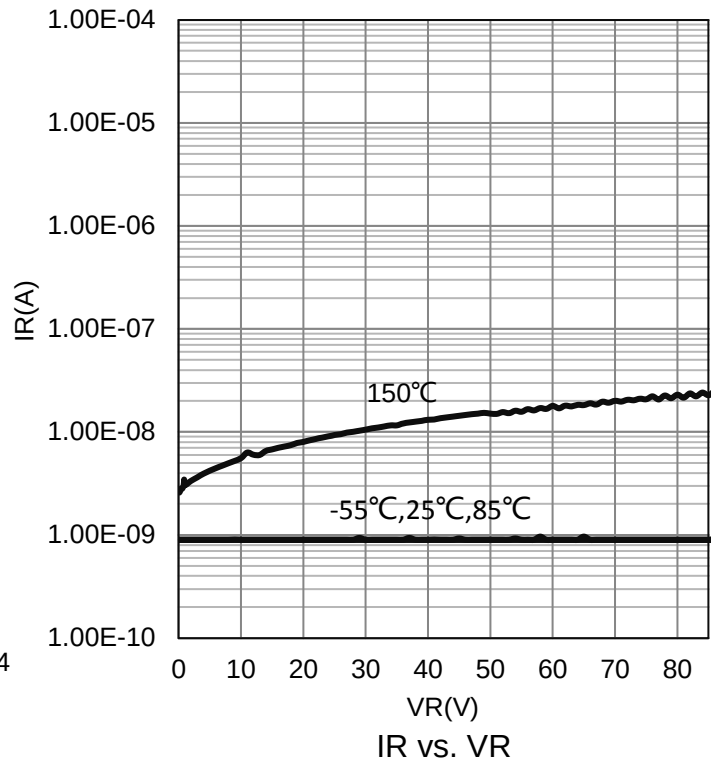
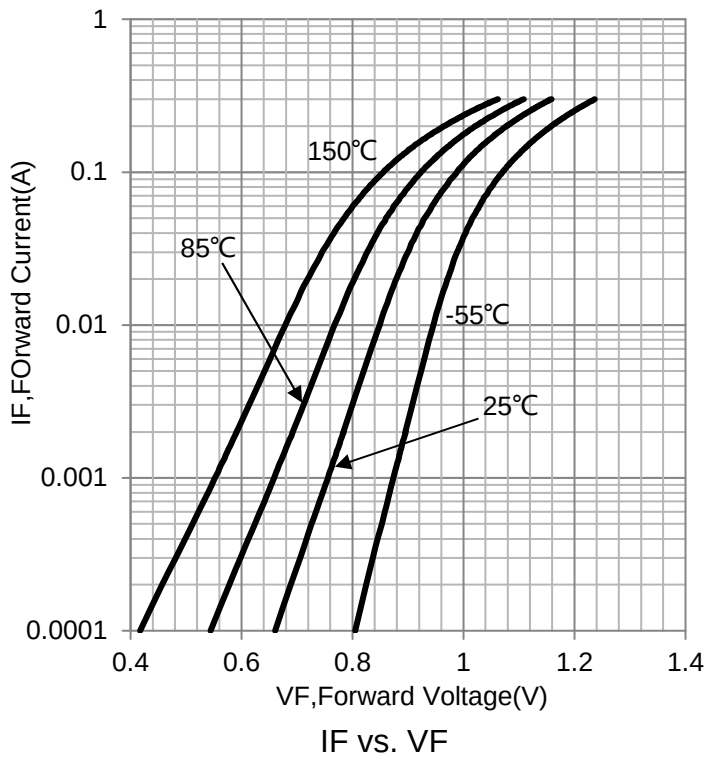


4. ELECTRICAL CHARACTERISTICS (Ta= 25°C)

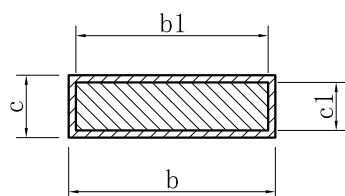
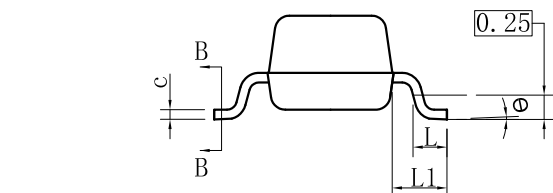
Characteristic	Symbol	Min.	Typ.	Max.	Unit
Static					
Reverse Breakdown Voltage (IR = 100μA)	V(BR)R	85	-	-	V
Forward Voltage (IF = 1mA)	VF	-	-	0.9	V
(IF = 10mA)		-	-	1	
(IF = 50mA)		-	-	1.1	
(IF = 150mA)		-	-	1.25	
Leakage Current (Note 2) (VR=75V)	IR	-	-	5	nA
(VR=75V, Tj=150°C)		-	-	80	
Total Capacitance (VR=0, f=1MHz)	CT	-	2	-	pF
Reverse Recovery Time (IF = IR = 10mA, Irr = 0.1 x IR, RL = 100Ω)	trr	-	-	3	μs

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

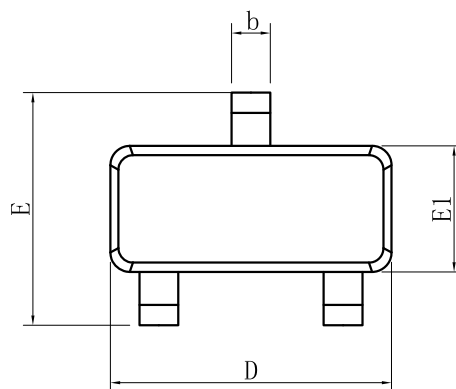
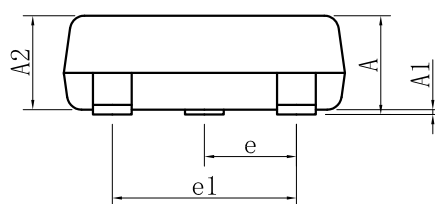
5.ELECTRICAL CHARACTERISTICS CURVES



6.OUTLINE AND DIMENSIONS



SECTION B-B

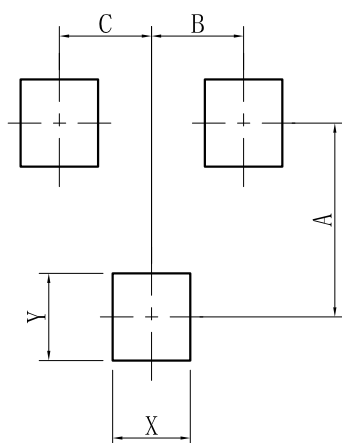


SOT23			
DIM	MIN	NOR	MAX
A	0.89	-	1.12
A1	0.01	-	0.10
A2	0.88	0.95	1.02
b	0.30	-	0.50
b1	0.30	0.40	0.45
c	0.08	-	0.20
c1	0.08	0.10	0.16
D	2.80	2.90	3.04
E	2.10	-	2.64
E1	1.20	1.30	1.40
e	0.95BSC		
e1	1.90BSC		
L	0.40	0.46	0.60
L1	0.54REF		
θ	0°	-	8°
All Dimensions in mm			

GENERAL NOTES

- 1.Top package surface finish $Ra0.4 \pm 0.2\mu m$
- 2.Bottom package surface finish $Ra0.7 \pm 0.2\mu m$
- 3.Side package surface finish $Ra0.4 \pm 0.2\mu m$

7.SOLDERING FOOTPRINT



SOT-23	
DIM	(mm)
X	0.80
Y	0.90
A	2.00
B	0.95
C	0.95

DISCLAIMER

- Curve guarantee in the specification. The curve of test items with electric parameter is used as quality guarantee. The curve of test items without electric parameter is used as reference only.
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