TO-220
O03 Tm.06ttky D 79.8T

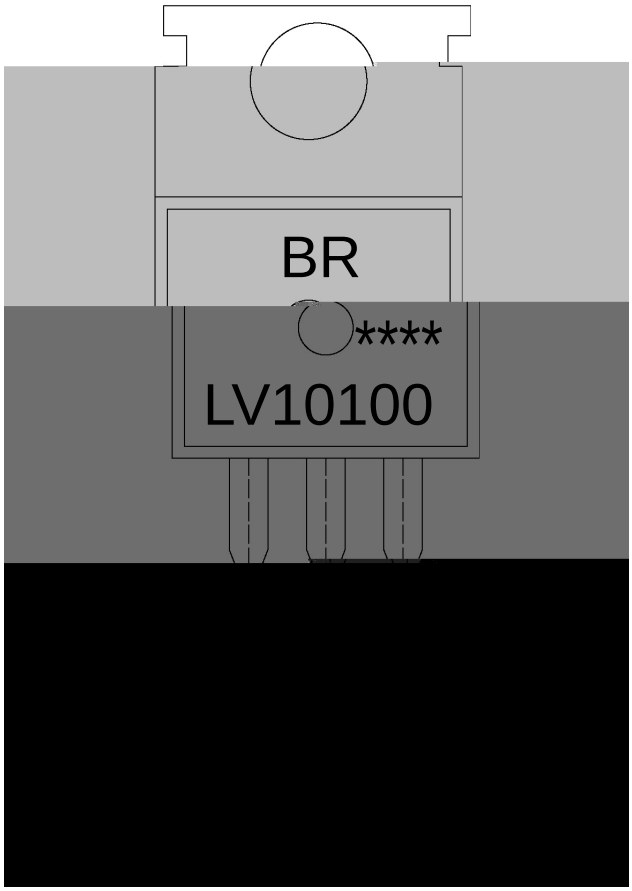
Parameter	Symbol	Rating	Unit
Recurrent Peak Reverse Voltage Working Peak Reverse Voltage DC Blocking Voltage	$V_{RRM,}$ V_{RWM} V_{DC}	100	V
RMS Reverse Voltage	V_{RMS}	70	V
Average forward rectified current	$I_{F(AV)}$	10	A
Non Repetitive Peak Surge Current	I_{FSM}	80	A
Thermal Resistance Junction to Case	R_{Jc}	2.8	/W
Junction and Storage Temperature Range	T_j T_{stg}	-40 +150	

Parameter	Symbol	Test Conditions	Min	Typ	Max	Unit
Breakdown Reverse Voltage	V_{BR}	I_R=100uA(Ta=25)	100			V
Forward Voltage	V_F	I_F =1A(Ta=25)		0.41	0.48	V
		I_F =3A(Ta=25)		0.48	0.53	V
		I_F =1A(Ta=125)			0.44	V
		I_F =3A(Ta=125)			0.50	V
Instantaneous Reverse Current	I_R Note 1	V_R=100V(Ta=25)		10	50	A
		V_R=100V(Ta=125)			10	mA

/Notes

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

2. / Unless otherwise noted, values for the parameters of a single chip



BR

LV10100

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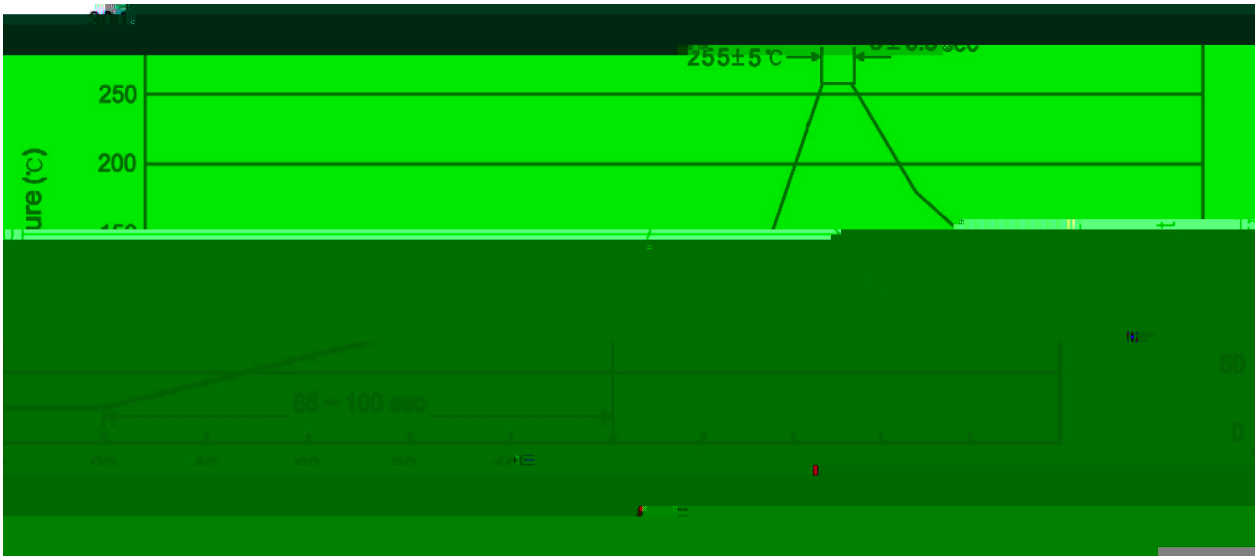
Note:

BR:	Company Code
LV10100	Product Type.
****:	Lot No. Code, code change with Lot No.



1	25 150	60 90sec;	Note:	
2	255±5	5±0.5sec;	1.Preheating:25~150	, Time:60~90sec.
3	2 10 /sec.		2.Peak Temp.:255±5	, Duration:5±0.5sec.
			3. Cooling Speed: 2~10 /sec.	

270±5	10±1 sec.	Temp.:270±5	Time:10±1 sec

/ BULK

Package Type	Units		Dimension (unit mm^3)
	Units/Bag /	Bags/Inner Box /	