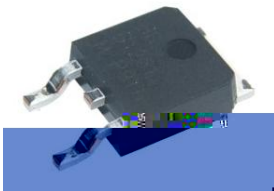
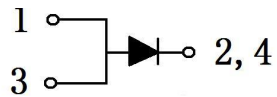


Schottky Barrier Diode in a TO-252 Plastic Package.

High Forward Surge Capability, Ultra Low Forward Voltage Drop, Excellent High Temperature Stability.

For use in low voltage, high frequency inverters, free wheeling, and polarity protection applications.



PIN1 Anode

PIN 2,4 Cathode

PIN 3 Anode

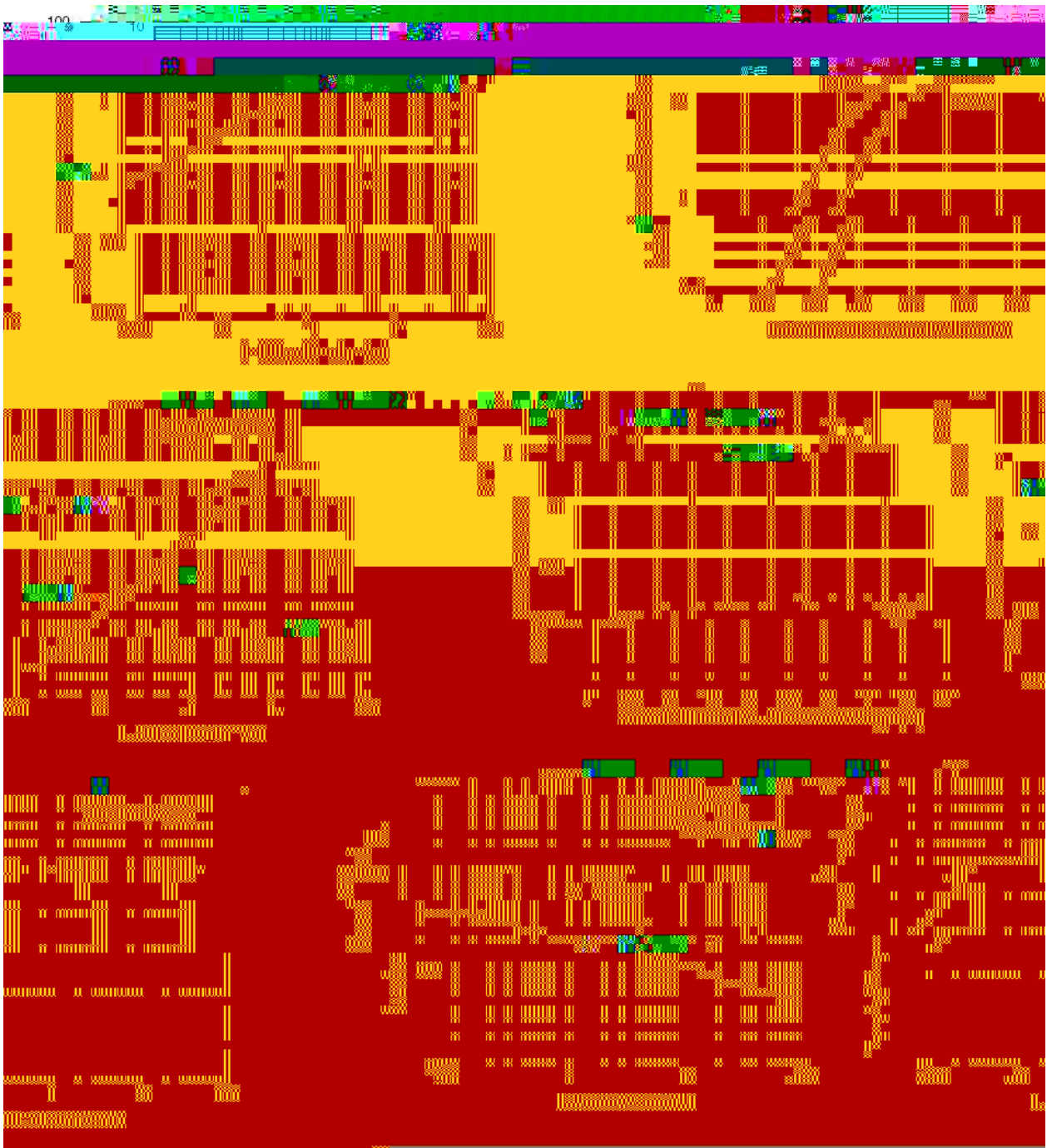
See Marking Instructions.

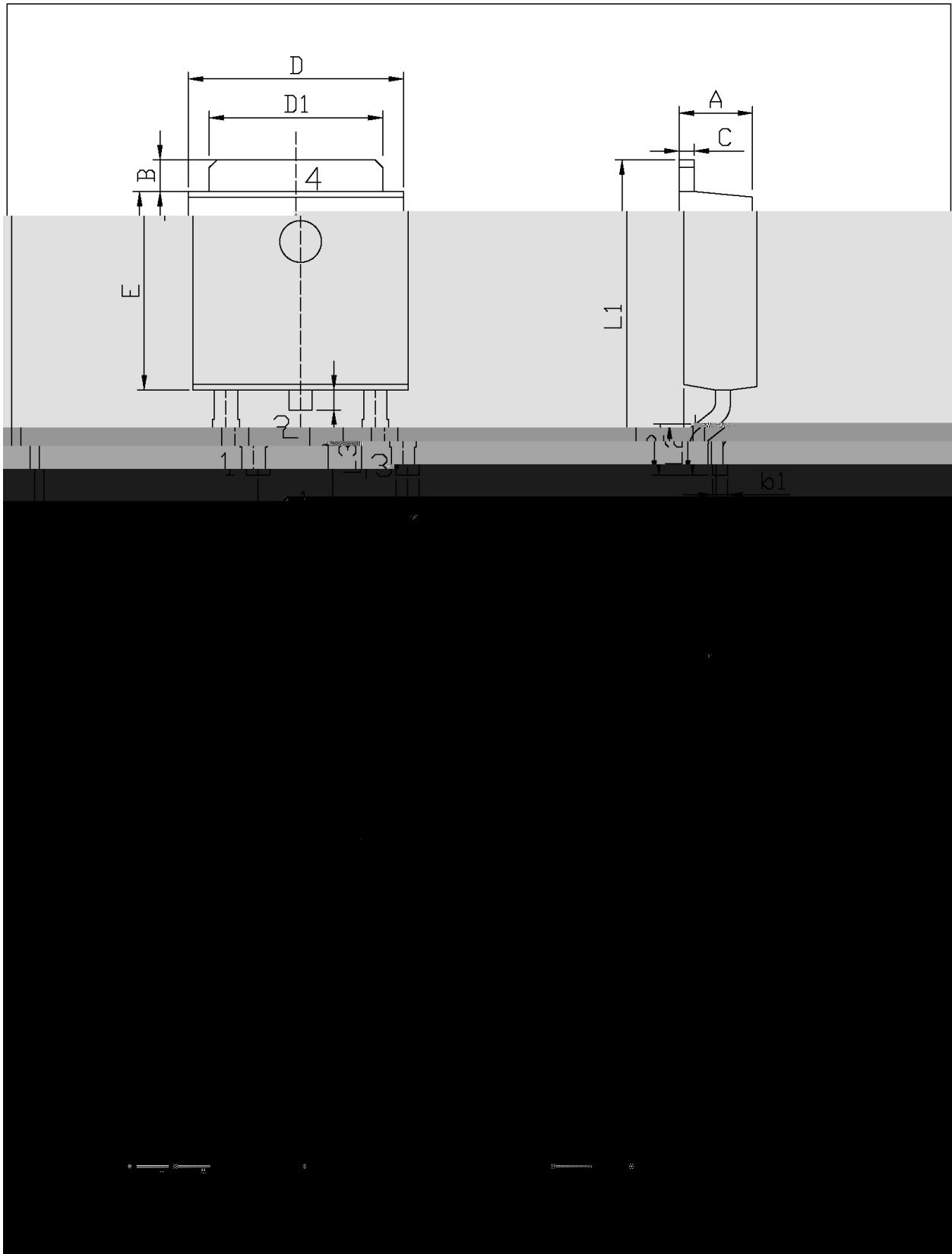
Parameter	Symbol	Rating	Unit
Peak Repetitive Reverse Voltage Working Peak Reverse Voltage Peak Reverse Voltage	V_{RRM} V_{RWM} V_{RM}	200	V
RMS Reverse Voltage	$V_{R(RMS)}$	140	V
Average Rectified Forward Current	$I_{F(AV)}$	10	A
Non Repetitive Peak Surge Current	I_{FSM}	150	A
Junction Temperature Range	$T_{J\ MAX}$	150	°C
Storage Temperature Range	T_{stg}	-55~150	°C

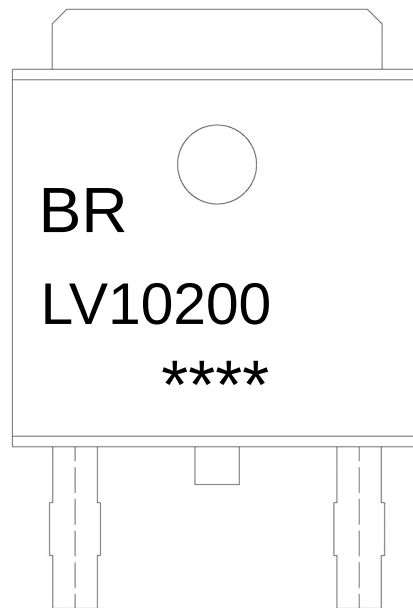
Parameter	Symbol	Test Conditions	Min	Typ	Max	Unit
Reverse Voltage	V_{BR}	$I_R=0.3mA$	200			V
Forward Voltage	V_F	$I_F=2A$ $T_J=25$		0.68	0.75	V
		$I_F=2A$ $T_J=125$		0.53	0.58	V
		$I_F=10A$ $T_J=25$		0.87	0.95	V
		$I_F=10A$ $T_J=125$		0.70	0.75	V
Instantaneous Reverse Current	I_R (Note 1)	$V_R=200V$ $T_J=25$		4	20	uA
		$V_R=150V$ $T_J=125$		1.9	5	mA
		$V_R=200V$ $T_J=125$		3.5	10	mA

/Notes:

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





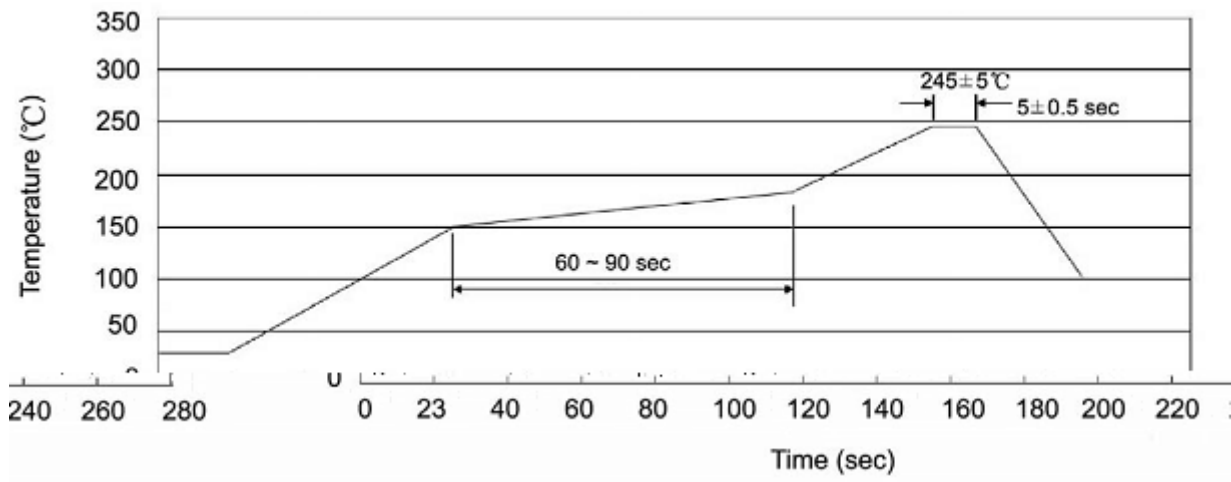


Note:

BR: Company Code
Product Type Code.

LV TBR Process.

***** Lot No. Code, code change with Lot No.



Note:

- 1

25 150

60 90sec;

1.Preheating:25~150 , Time:60~90sec.
- 2

245 5

5 0.5sec;

2.Peak Temp.:245 5 , Duration:5 0.5sec.
- 3

2 10 /sec.

3. Cooling Speed: 2~10 /sec.

260 5

10 1 sec.

Temp.:260±5

Time:10±1 sec

/ REEL

Package Type 封装形式	Units 包装数量					Dimension 包装尺寸 (unit: mm ³)		
	只 卷盘	卷盘 盒	只 盒	盒 箱	只 箱		盒	箱
						"		

/ TUBE

Package Type 封装形式	Units 包装数量					Dimension 包装尺寸 (unit: mm ³)		
	只 套管	套管 盒	只 盒	盒 箱	只 箱	套管	盒	箱