

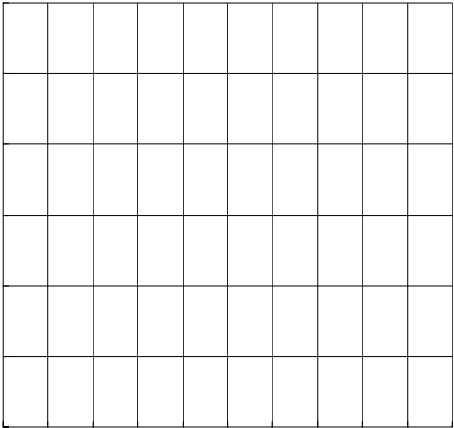
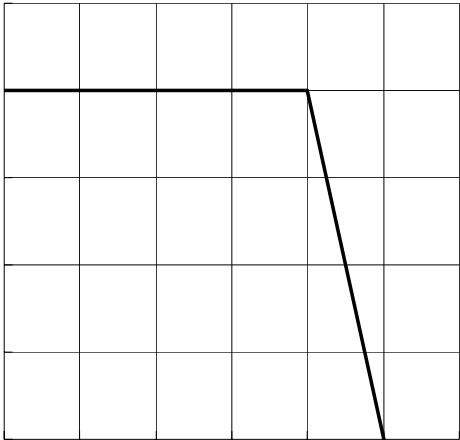
Parameter	Symbol	Rating	Unit
Peak Repetitive Reverse Voltage	V_{RRM}	200	V
RMS Voltage	V_{RMS}	140	V
DC Blocking Voltage	V_{DC}	200	V
Average Rectified Forward Current	I_F	2×6	A
Non Repetitive Peak Surge Current	I_{FSM}	100	A
Thermal Resistance Junction to Case	$R_{\theta JC}$	2.9	/W
Storage Temperature Range	T_j T_{stg}	-55 150	

Parameter	Symbol	Test Conditions	Min	Typ	Max	Unit
Forward Voltage	V_F	$I_F=2.0A(T_C=25^\circ C)$		0.82		V
		$I_F=2.0A(T_C=125^\circ C)$		0.68		V
		$I_F=6.0A(T_C=25^\circ C)$		0.92	1.0	V
		$I_F=6.0A(T_C=125^\circ C)$		0.82	0.9	V
Instantaneous Reverse Current	I_R	$V_R=200V(T_a=25^\circ C)$			10	μA
		$V_R=200V(T_a=125^\circ C)$			150	μA
Reverse Recovery Time	t_{rr}	$I_F=0.5A$ $I_R=1.0A$ $I_{RR}=0.25A$			35	ns

Notes

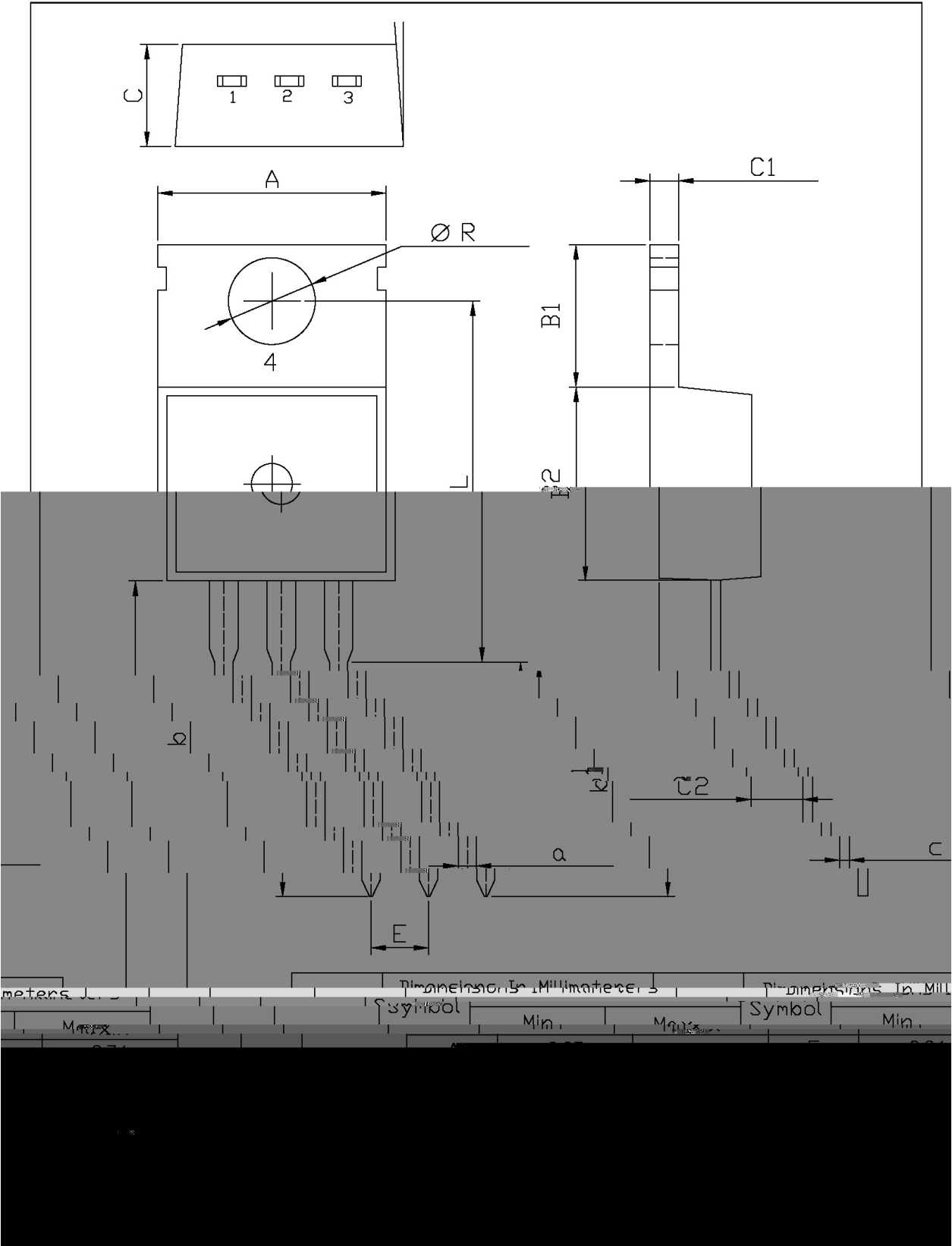
1. /Short duration pulse test used to minimize self-heating effect.

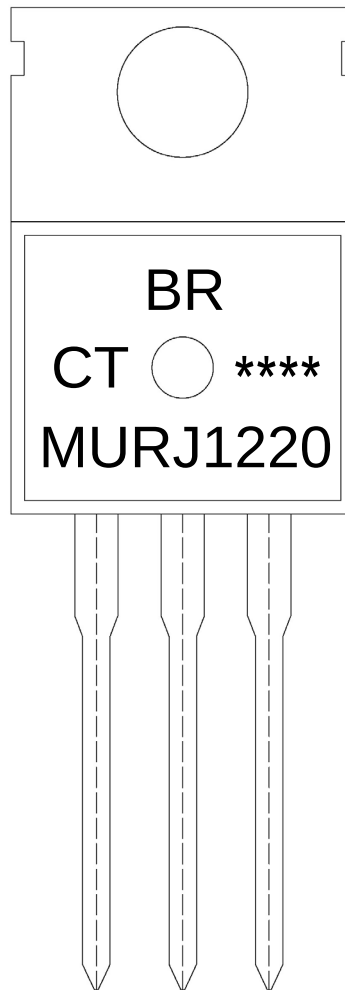
2. / Unless otherwise noted, values for the parameters of a single chip



TD-220S

Unit: mm





BR

MURJ1220

CT:

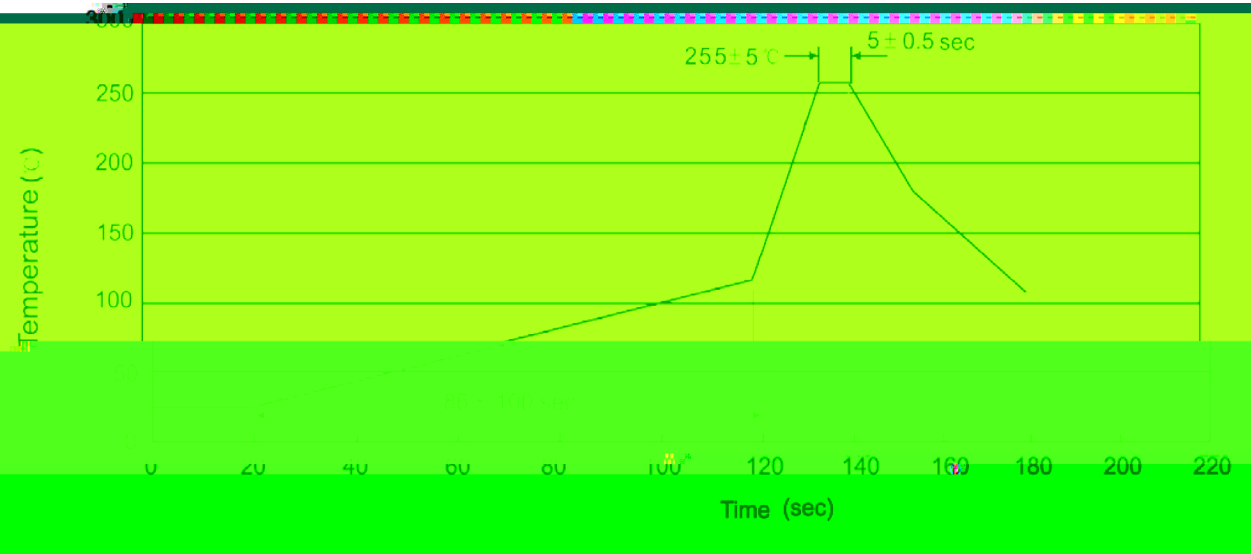
Note:

BR: Company Code

MURJ1220 Product Type.

CT: Internal Structure

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



Note:

- 1

25 150

60 90sec;
- 2

255±5

5±0.5sec;
- 3

2 10

/sec.
- 1.Preheating:25~150

，Time:60~90sec.
- 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

/ TUBE

Package Type 封装形式	Units 包装数量					Dimension 包装尺寸 (unit: mm ³)		
	Units/Tube 只/套管	Tubes/Inner Box 套管/盒	Units/Inner Box 只/盒	Inner Boxes/Outer Box 盒/箱	Units/Outer Box 只/箱	Tube 套管	Inner Box 盒	Outer Box 箱
TO-220S	50	20	1000	5	5000	532×31.4×5.5	555×164×50	575×290×180