

Rev.E Oct.-2018

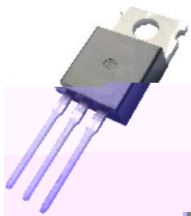
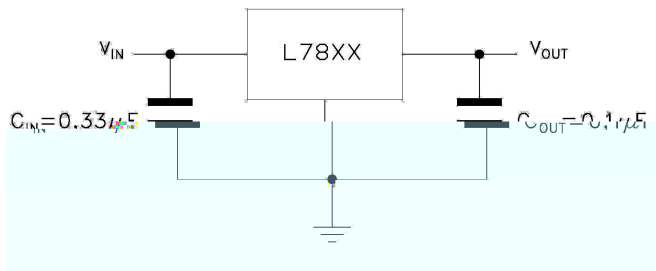
TO-220

Voltage Regulator in a TO-220 Plastic Package.

1A,

3-Terminal regulators ,output current up to 1A, internal thermal overload protection and short-circuit limiting.

Voltage Regulator.



PIN1 IN

PIN 2 GND

PIN 3 OUT

See Marking Instructions.

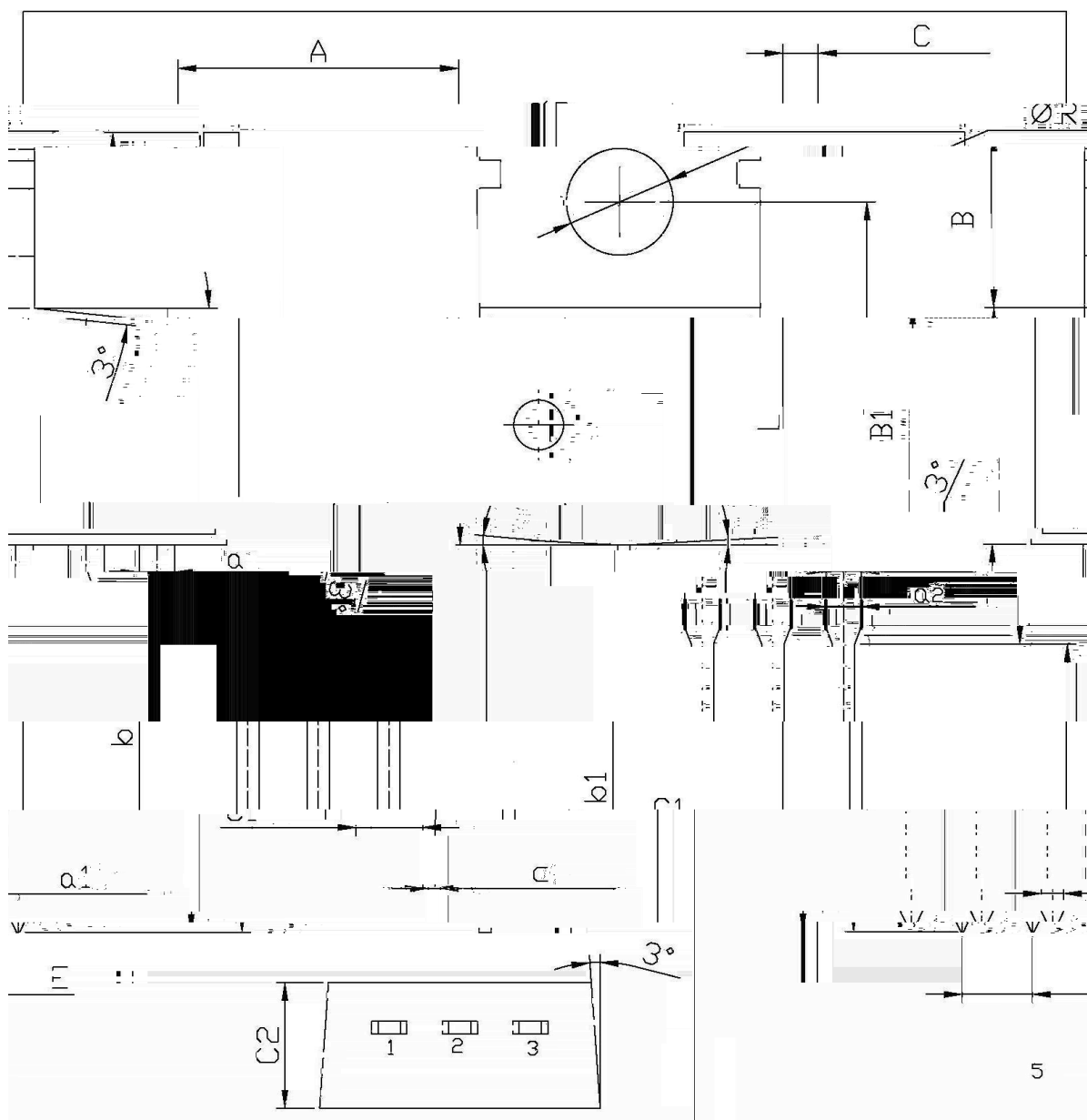
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Parameter	Symbol	Rating	Unit
Input voltage	V_I	35	V
Operating Junction Temperature Range	T_{OPR}	0 125	
Storage temperature range	T_{stg}	-65 150	

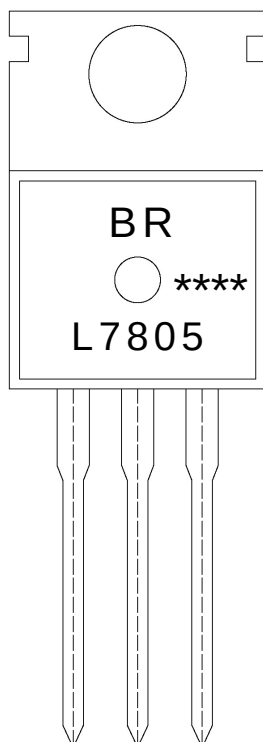
Parameter	Symbol	Test Conditions	Min	Typ	Max	Unit
Output voltage	V_O	$T_j=25$	4.8	5.0	5.2	V
		$V_I=7V-20V$, $I_O=5mA-1A$ $P_O \leq 15W$	4.75	5.0	5.25	V
Load Regulation	V_O	$T_j=25$				

TQ-220

单位: mm



Dimensions In Millimeters		Dimensions In Millimeters			
Symbol	Min	Max	Symbol	Min	Max
A	9.8	10.2	C	1.2	
R	3.56	3.64	B	6.3	
	15.3	16.7	B1	9.0	
b	12.6	13.6	C1	2.2	
b1	9.6	10.6	a1	0.7	
a	1.22	1.32	c	0.4	
E	2.34	2.74	C2	4.3	
Q2	1.25	1.45			



BR

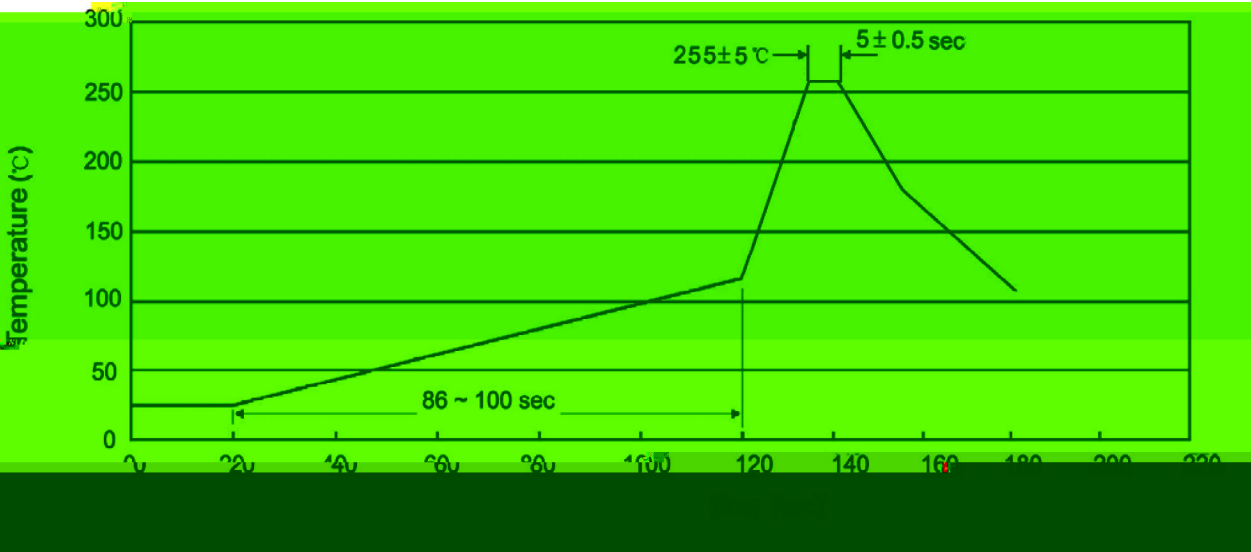
L7805

Note:

BR: Company Code.

L7805: Product Type.

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



Note:

- 1

25 150

60 90sec;

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

255 5

5 0.5sec;

2.Peak Temp.:255 5 , Duration:5 0.5sec.
- 3

2 10 /sec.

3. Cooling Speed: 2~10 /sec.

270 5

10 1 sec.

Temp:270±5

Time:10±1 sec

/ BULK

Package Type	Units					Dimension		(unit mm3)

/ TUBE

Package Type	Units					Dimension		(unit mm3)