/ Descriptions

TO-220 Voltage Regulator in a TO-220 Plastic Package.

/ Features

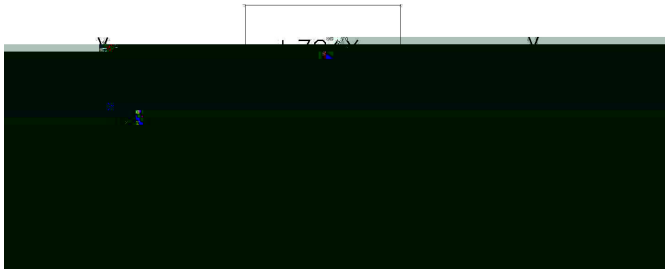
1A,

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

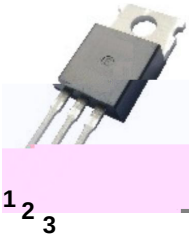
/ Applications

Voltage Regulator.

/ / Equivalent Circuit or Application Circuit



/ Pinning



PIN1 IN PIN 2 GND PIN 3 OUT

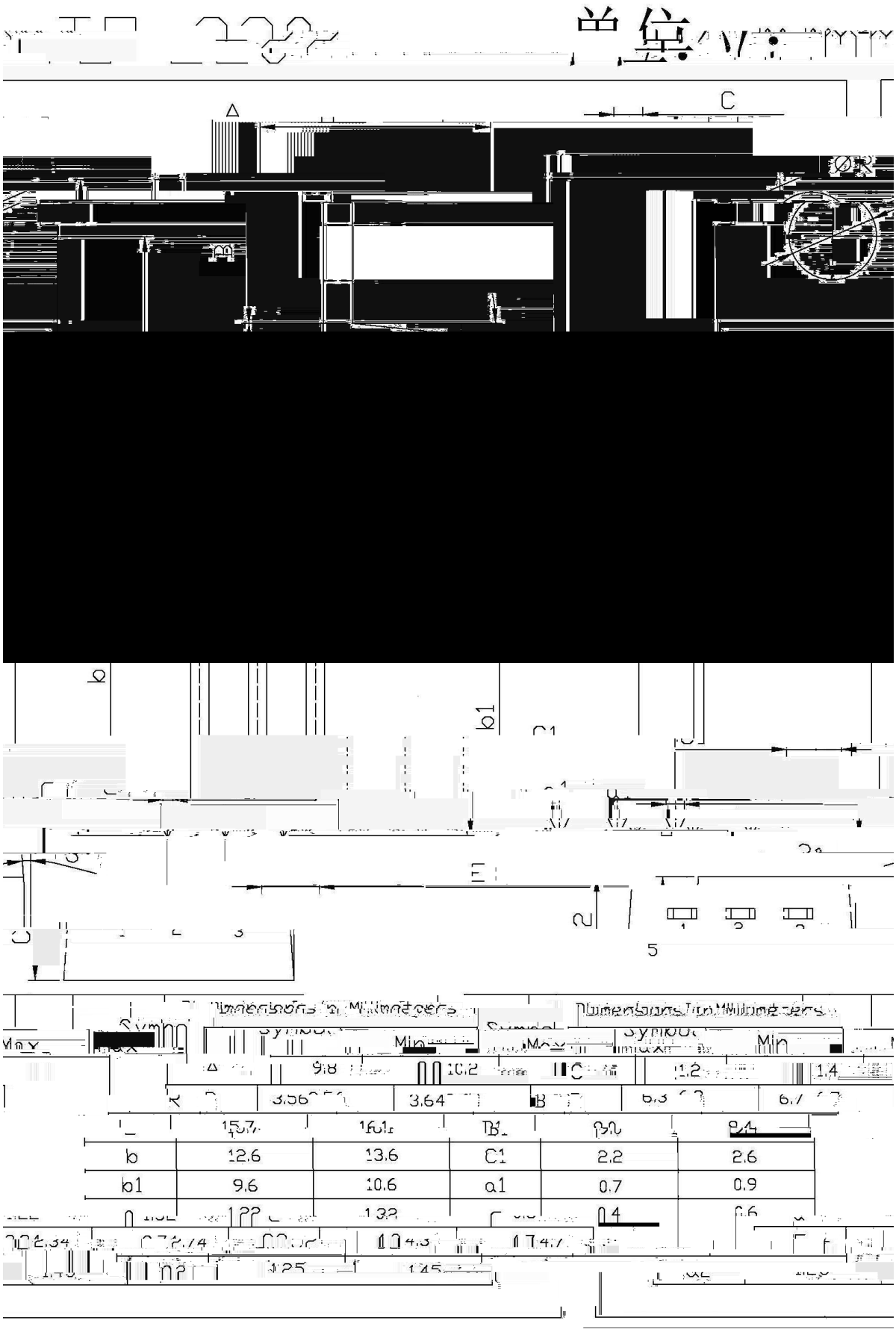
/ Marking

See Marking Instructions.

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	

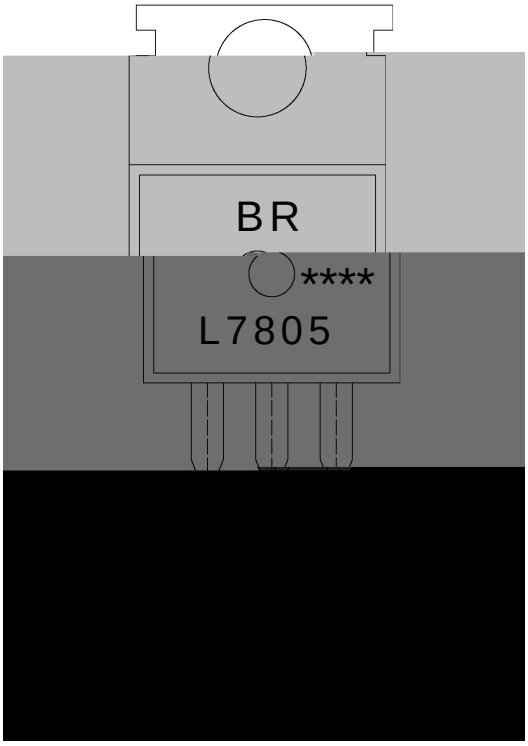
Parameter

/ Package Dimensions



Dimensions In Millimeters					
Symbol	Min	Max	Symbol	Min	Max
b	12.6	13.6	C1	2.2	2.6
b1	9.6	10.6	a1	0.7	0.9

/ Marking Instructions



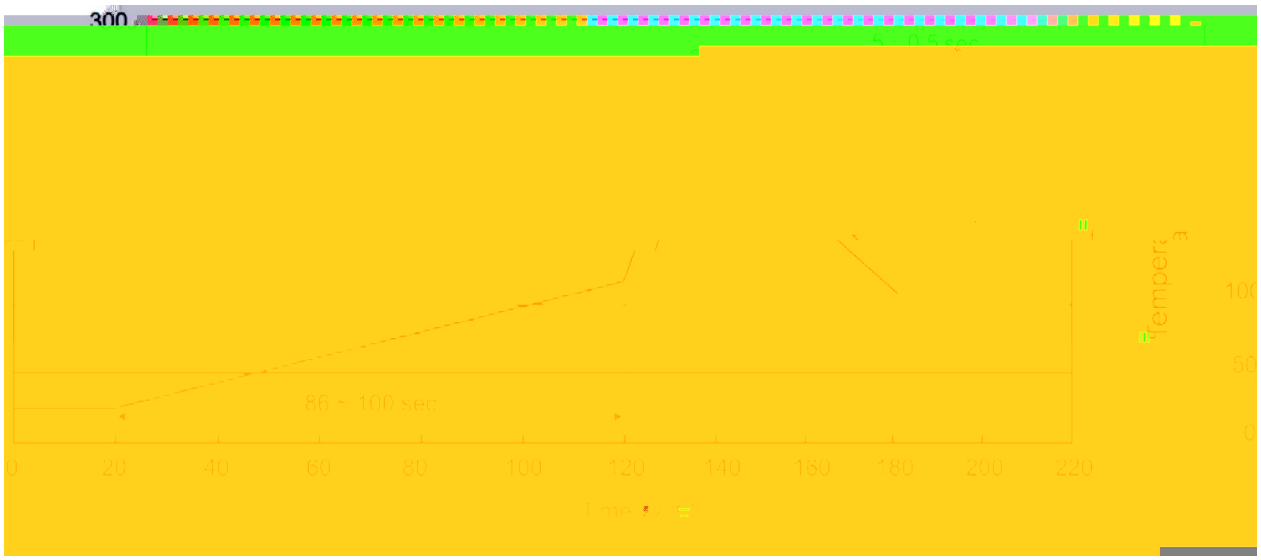
BR

L7805

Note:

BR:	Company Code.
L7805:	Product Type.
****:	Lot No. Code, code change with Lot No.

( ) / Temperature Profile for Dip Soldering(Pb-Free)



		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.

/ Resistance to Soldering Heat Test Conditions

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

/ Packaging SPEC.

/ BULK

Package Type	Units					Dimension		(unit mm3)
	Units/Bag /	Bags/Inner Box /	Units/Inner Box /	Inner Boxes/Outer Box /	Units/Outer Box /	Bag	Inner Box	Outer Box
TO-220/F	200	10	2,000	5	10,000	135×190	237×172×102	560×245×195

/ TUBE

Package Type	Units	Dimension	(unit mm3)
	Units/Tube /		