

/ Descriptions

TO-220

Voltage Regulator in a TO-220 Plastic Package.

/ Features

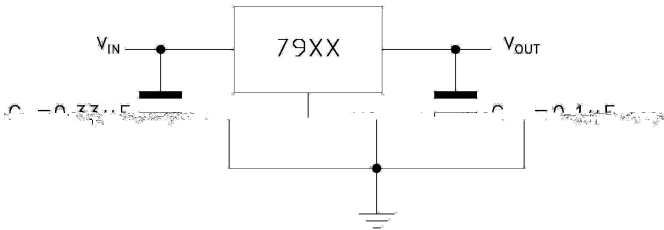
1.5A,

3-Terminal regulators ,output current up to 1.5 A, internal thermal overload protection and short-circuit limiting.

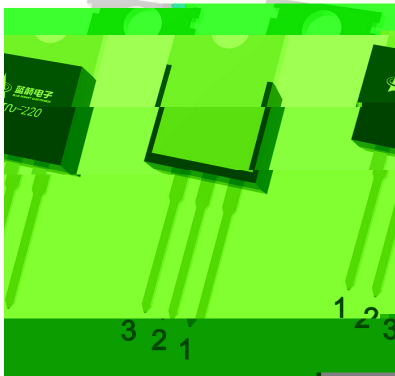
/ Applications

Voltage Regulator.

/ Equivalent Circuit or Application Circuit



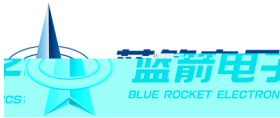
/ Pinning



PIN1 GND PIN 2 IN PIN 3 OUT

/ Marking

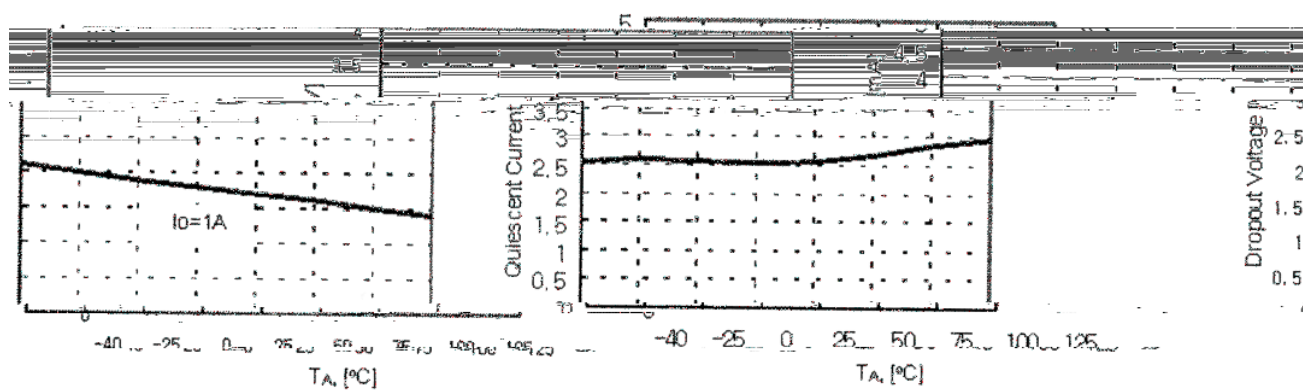
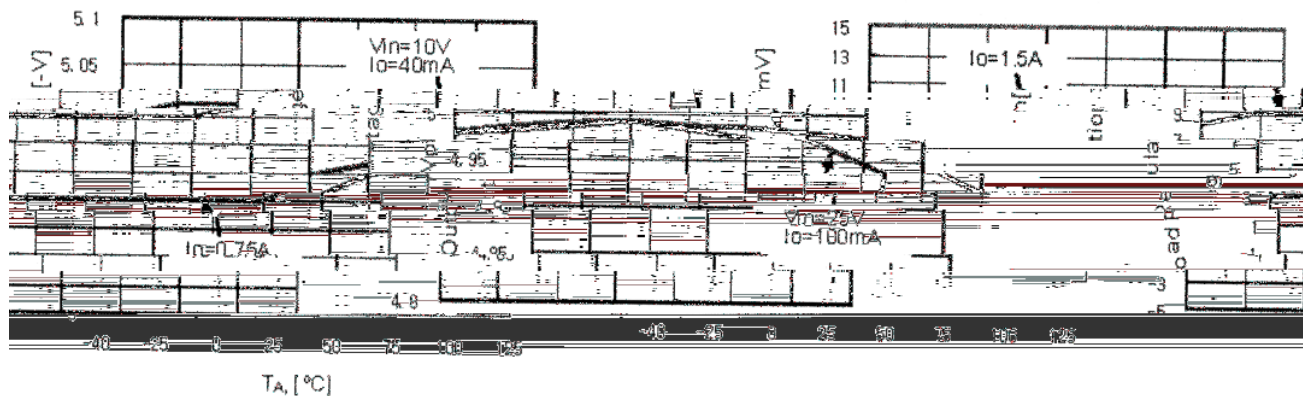
See Marking Instructions.



Parameter	Symbol	Rating	Unit
Input Voltage Difference	V_I	-35	V
Junction-to-Ambient	$R_{\theta JA}$	62.5	/W

85℃

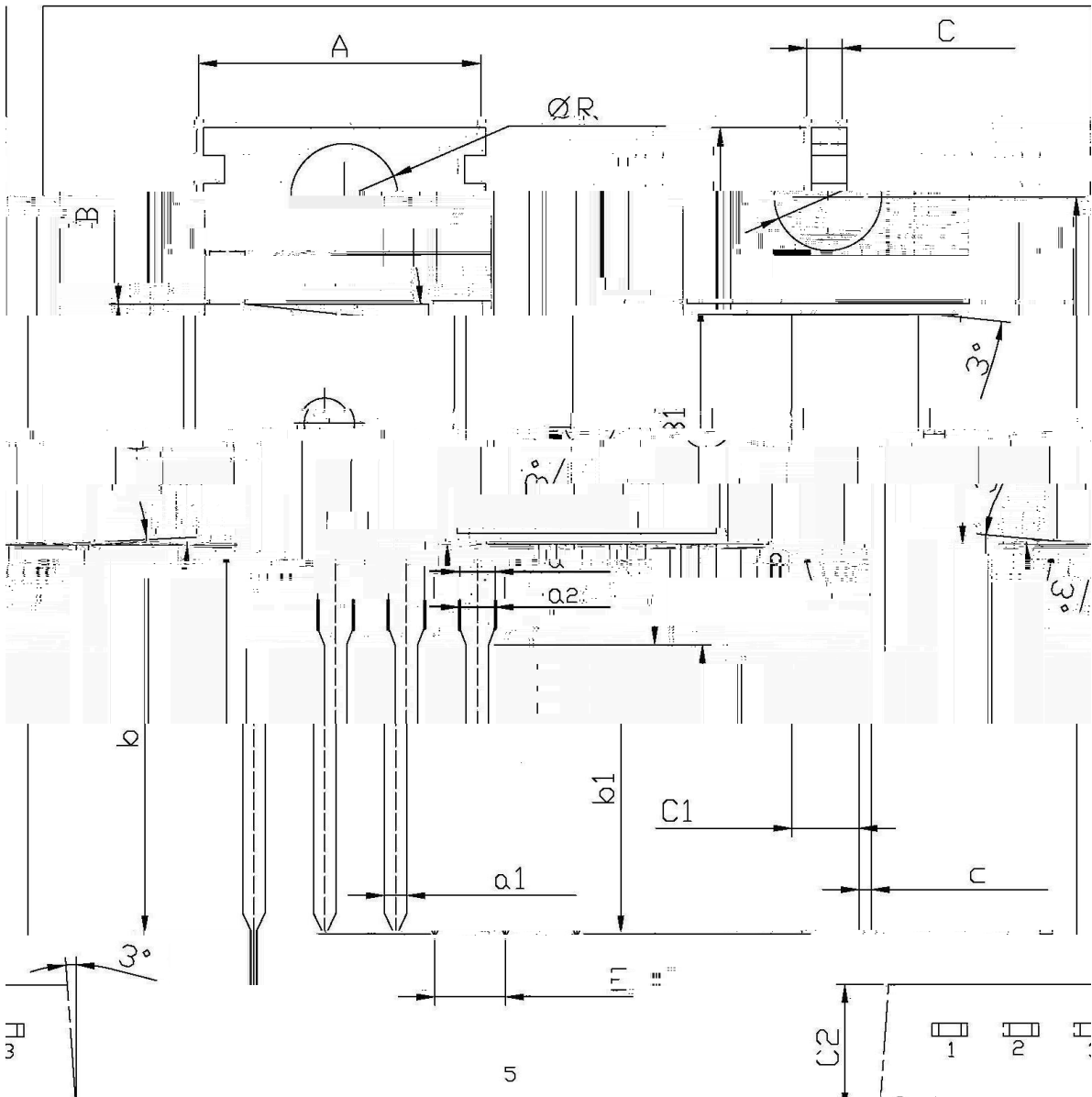
/ Electrical Characteristic Curve



/ Package Dimensions

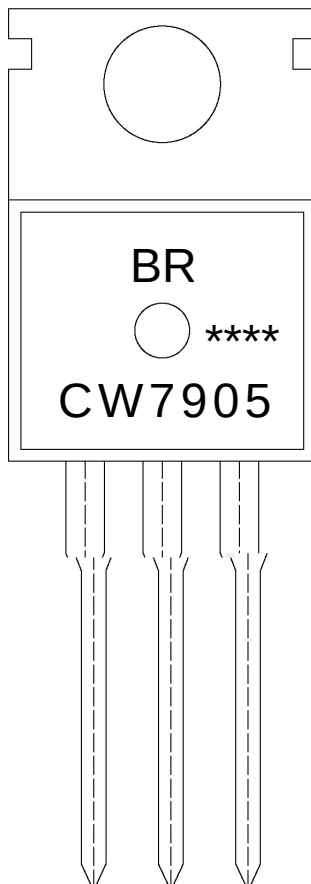
T1-220

单位: mm



Dimensions In Millimeters			Dimensions In Millimeters		
Symbol	Min	Max	Symbol	Min	Max
A	1.2	1.4	A	9.8	10.2
B	6.3	6.7	R	3.56	3.64
B1	9.0	9.4	L	15.7	16.1
C	2.2	2.6	a1	12.6	13.6
a1	0.7	0.9	b1	9.6	10.6
C	0.4	0.6	a	1.22	1.32
C2	4.3	4.7	C2	2.34	2.74
			a2	1.25	1.45

/ Marking Instructions



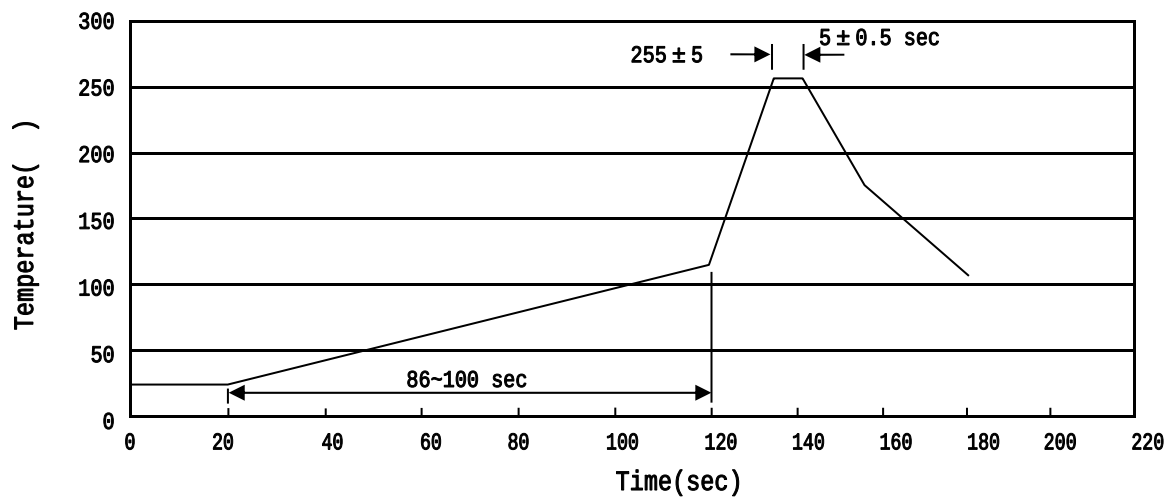
Note:

BR: Company Code

CW7905: Product Type Code

****: 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 °C , Time:60~90sec.
- 2

255 5

5 0.5sec;

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

2 10

/sec.

3. Cooling Speed: 2~10 °C /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 mm ³)		
	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 mm ³)		
	Units/Tube /	Tubes/Inner Box /	Units/Inner Box /	Inner Boxes/Outer Box /	Units/Outer Box /	Tube	Inner Box	Outer Box
TO-220/F	50	20	1,000	5	5,000	532×31.4×5.5	555×164×50	575×290×180

/ Notices