

Rev.F Sep.-2018

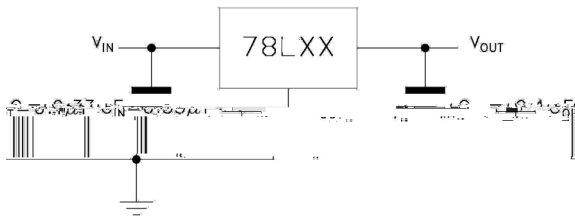
KF \$0)

Voltage Regulator in a TO-92 Plastic Package.

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3-Terminal regulators ,output current up to 100 mA, internal thermal overload protection and short-circuit limiting.

Voltage Regulator.

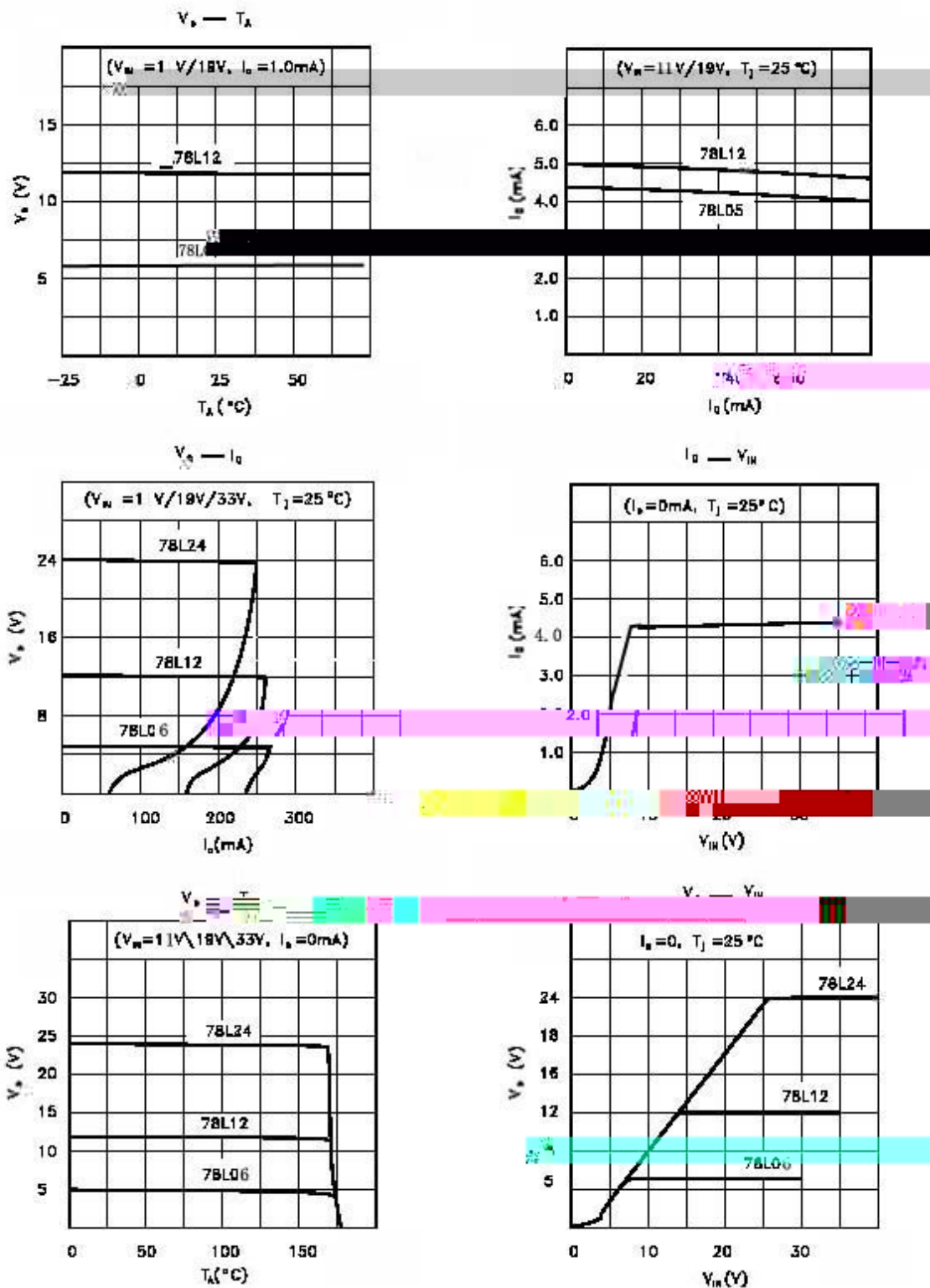


PIN1 IN      PIN 2 GND      PIN 3 OUT

See Marking Instructions

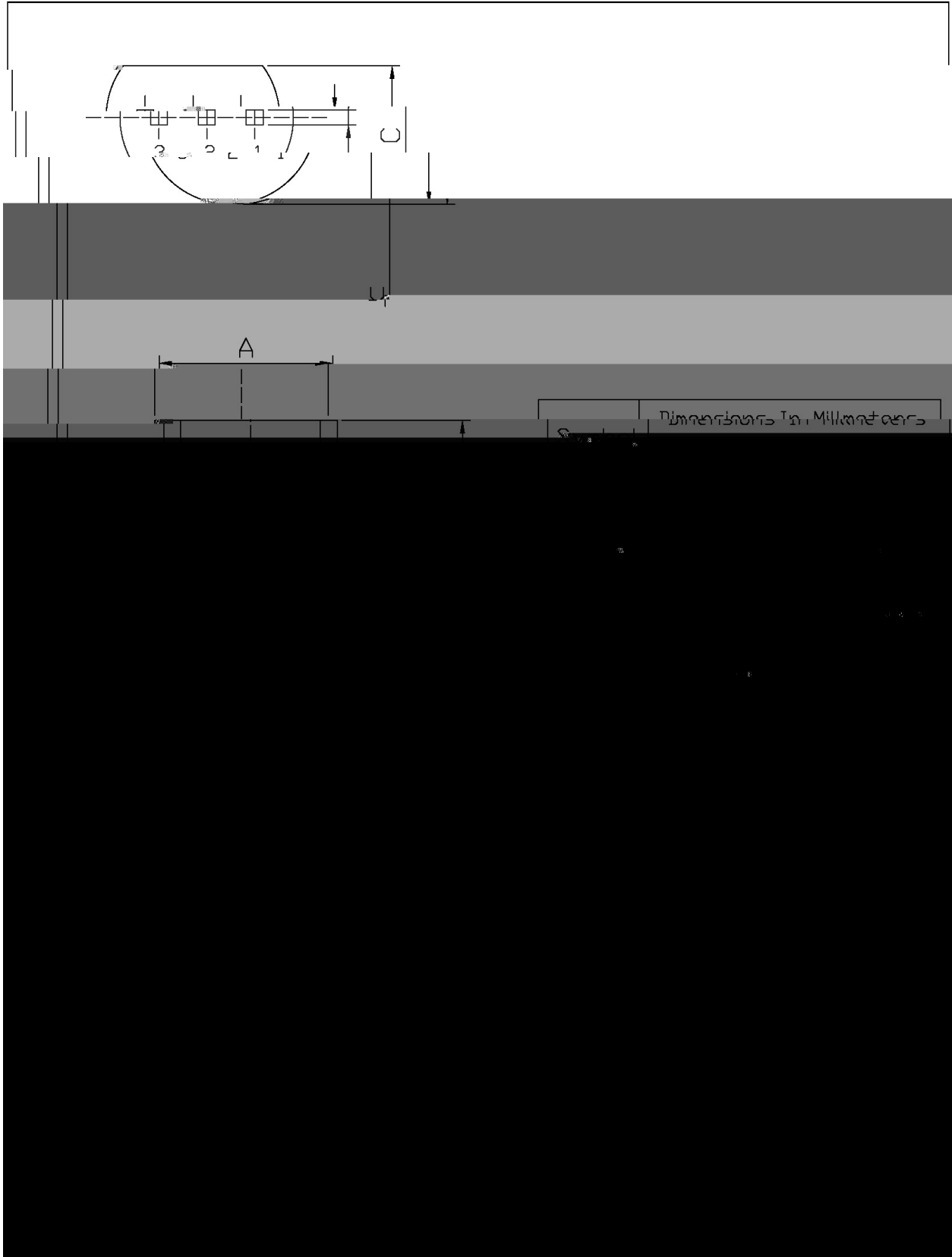
Parameter	Symbol	Rating	Unit
Input voltage	$V_I$	30	V
Output current	$I_O$	100	mA
Operating virtual Junction temperature	$T_J$	0 125	
Power Dissipation	$P_D$	500	mW
Storage temperature range	$T_{stg}$	-65 150	

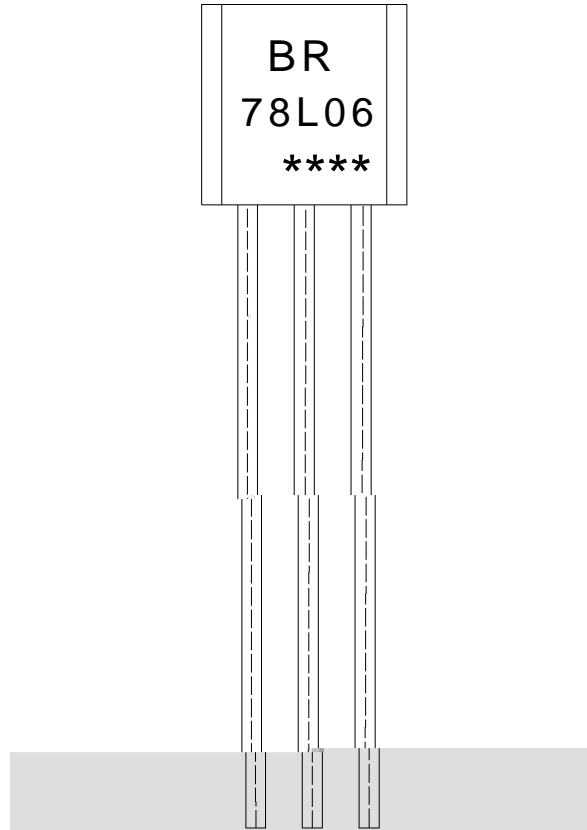
Parameter	Symbol	Test Conditions	Min	Typ	Max	Unit
Output voltage	$V_O$	$I_o = 40mA$ $T_j = 25$ $I_o = 1mA$ to $40=$	5.75	6.0	6.25	V



T0-92

Unit: mm





BR

78L06

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Note:

BR: Company Code.

78L06: 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)		
	Units/Bag /	Bags/Inner Box /	Units/Inner Box /	Inner Boxes/Outer Box /	Units/Outer Box /	Bag	Inner Box	Outer Box
TO-92	1,000	10	10,000	5	50,000	135×190	237×172×102	560×245×195
	1,000	10	10,000	10	100,000	135×190	237×172×102	560×245×375

## / AMMO

Package Type	Units					Dimension (unit mm3)	
	Units/tape /	Tape/Inner Box /	Rows/Inner Box /	Inner Boxes/Outer Box /	Units/Outer Box /	Inner Box	Outer Box
TO-92	3,000	1	120	10	30,000	328×230×42	480×346×235 547×407×268