

/ Descriptions

SOT-89 Voltage Regulator in a SOT-89 Plastic Package.

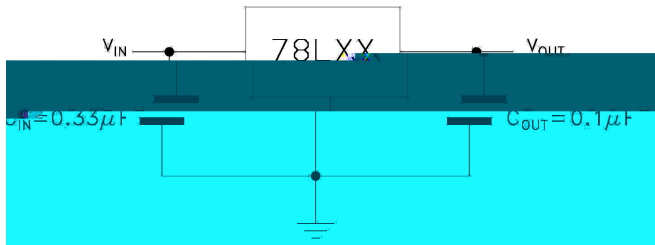
/ Features

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

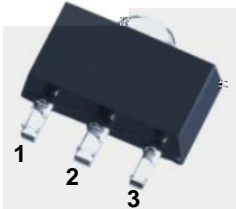
/ Applications

Voltage Regulator.

/ Equivalent Circuit or Application Circuit



/ Pinning



PIN1 OUT PIN 2 GND PIN 3 IN

/ Marking

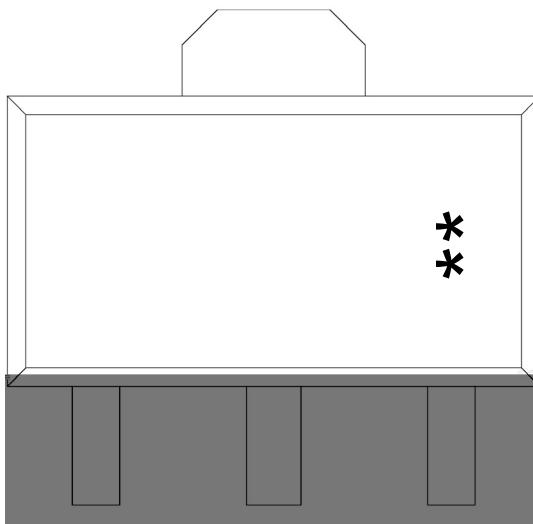
Marking	HL06
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Parameter	Symbol	Rating	Unit
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/ Package Dimensions



/ Marking Instructions



H

L06

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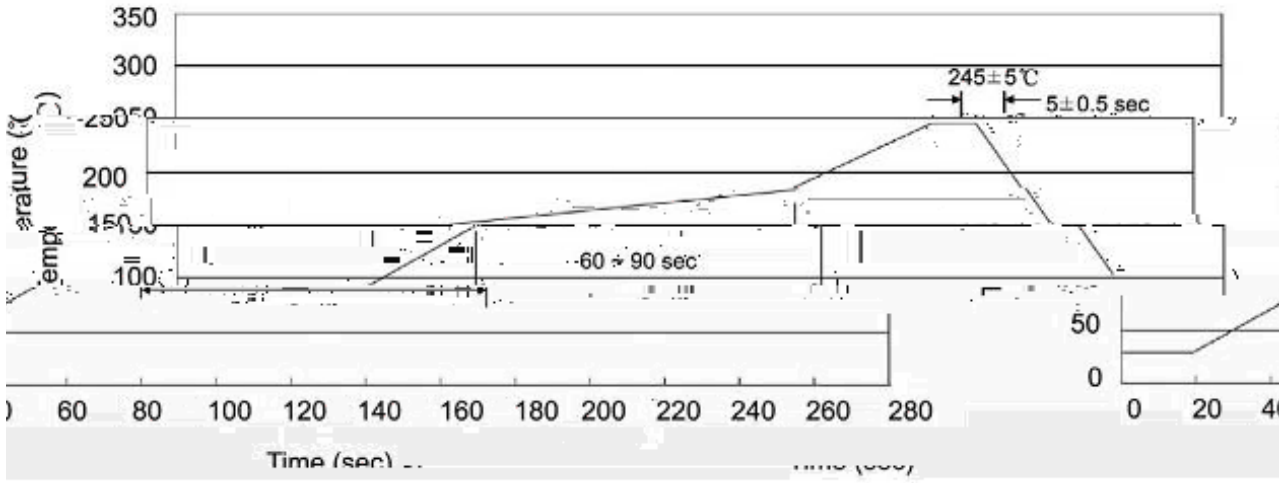
Note:

H: Company Code.

L06: Product Type.

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

() / Temperature Profile for IR Reflow Soldering (Pb-Free)



Note:

- | | | | | | |
|---|-------|-----|-------|----------|--|
| 1 | 150 | 180 | 60 | 90sec; | 1.Preheating:150~180 , Time:60~90sec. |
| 2 | 245±5 | | 5±0.5 | sec; | 2.Peak Temp.:245±5 , Duration:5± 0.5sec. |
| 3 | | | 2 | 10 /sec. | 3. Cooling Speed: 2~10 /sec. |

/ Resistance to Soldering Heat Test Conditions

260±5 10± 1 sec. Temp:260±5 Time:10±1 sec

/ Packaging SPEC.

/ REEL

Package Type	Units					Dimension (unit mm ³)		
	Units/Reel	Reels/Inner Box	Units/Inner Box	Inner Boxes/Outer Box	Units/Outer Box	Reel	Inner Box	Outer Box
SOT-89	1,000	7	7,000	6	42,000	7 ×12	180×120×180	390×385×205

/ Notices