

/ Descriptions

Voltage Regulator in a SOT-23 Plastic Package.

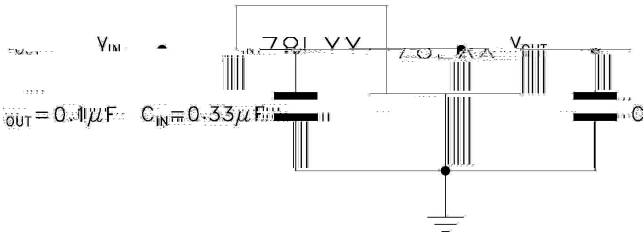
/ Features

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

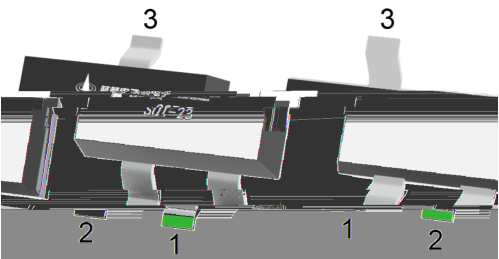
/ Applications

Voltage Regulator.

/ Equivalent Circuit or Application Circuit



/ Pinning



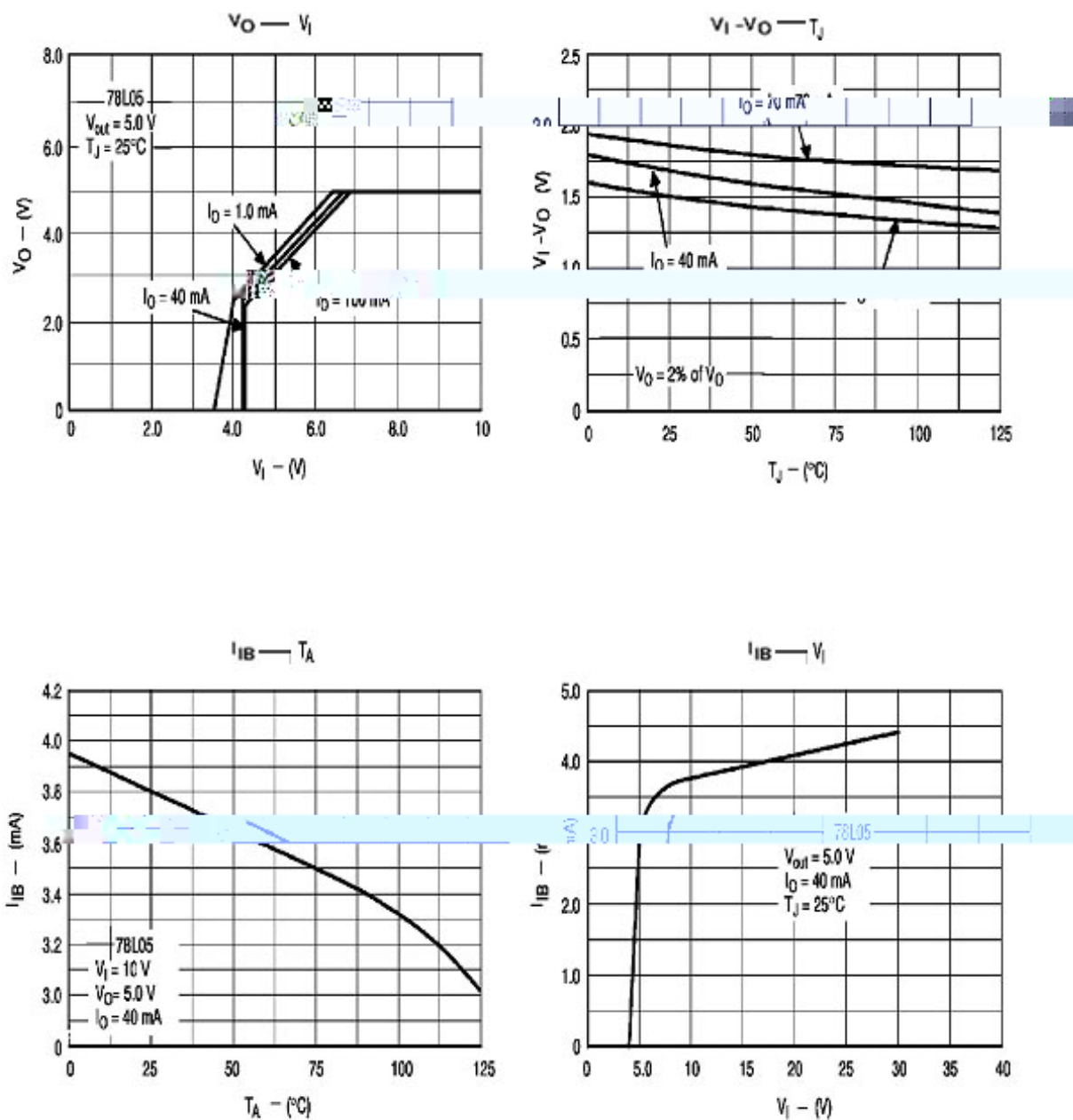
PIN1 VOUT PIN 2 VIN PIN 3 GND

/ Marking

Marking	HL05
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Parameter	Symbol	Rating	Unit
Input voltage	V_I	30	V
Output current	I_O	100	mA
Operating Temperature Range	T_{OPR}	-40 125	
Power Dissipation	P_D	350	mW

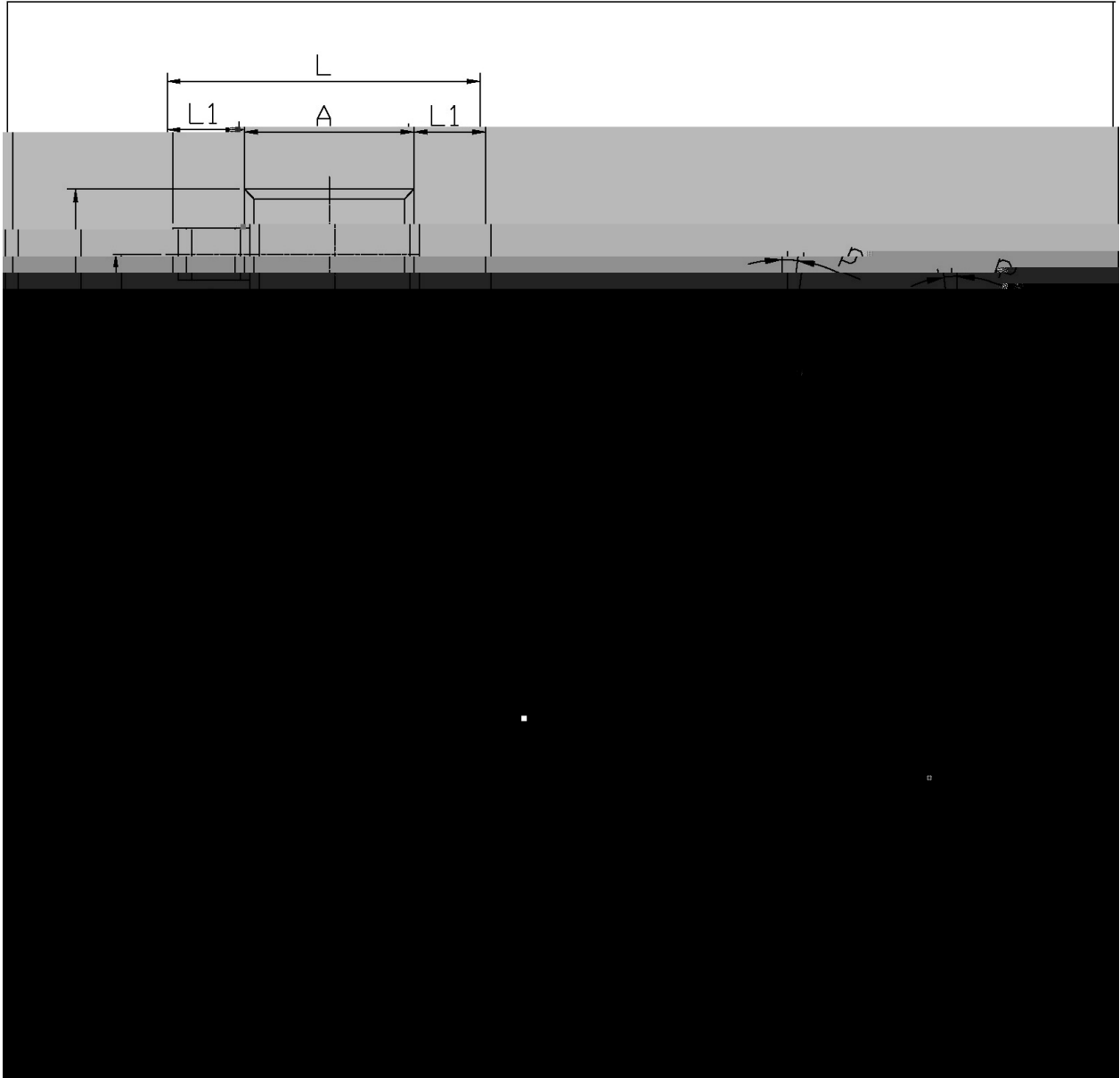
/ **Electrical Characteristic Curve**



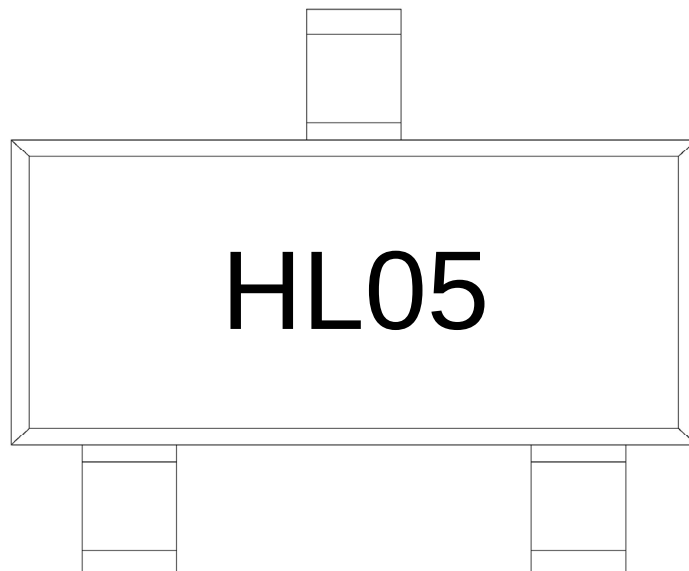
/ Package Dimensions

SOT-23

单位: mm



/ **Marking Instructions**



H

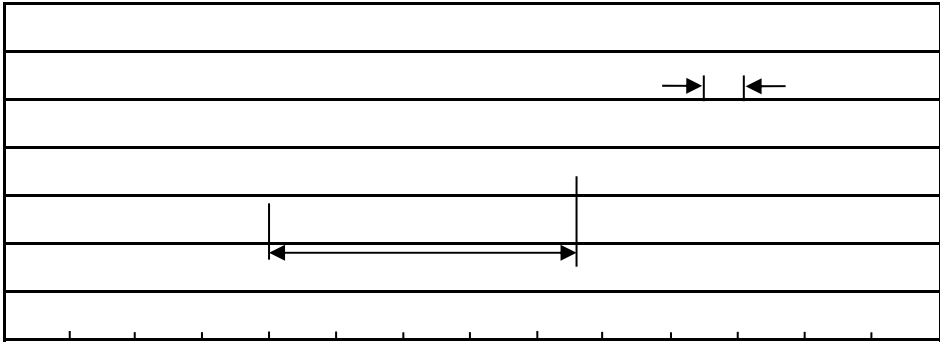
L05

Note:

H: Company Code

L05: Product Type Code

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Note:

- 1

150 180

60 90sec;

1.Preheating:150~180 , Time:60~90sec.
- 2

245 5

5 0.5sec;

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-23	3,000	10	30,000	6	180,000	7 ×8	180×120×180	390×385×205

/ Notices