

/ Descriptions

JF K\$) * Voltage Regulator in a SOT-23 Plastic Package.

/ Features

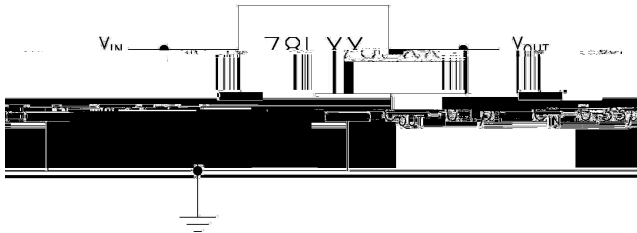
(' ' d 8#

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

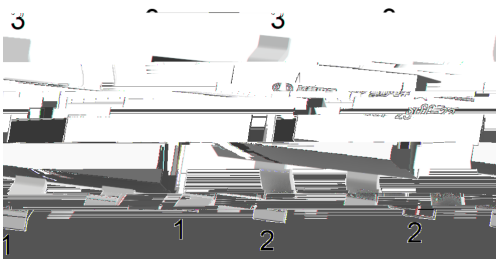
/ Applications

Voltage Regulator.

/ Equivalent Circuit or Application Circuit



/ Pinning



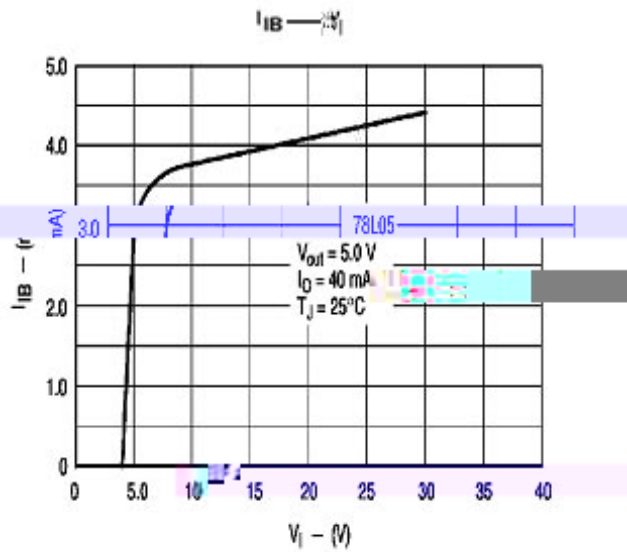
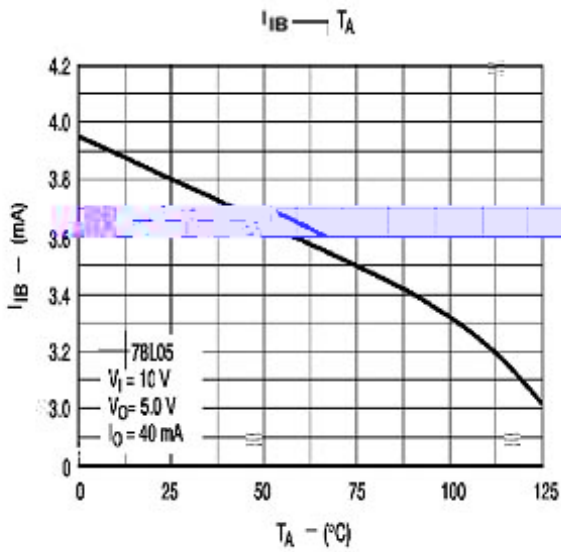
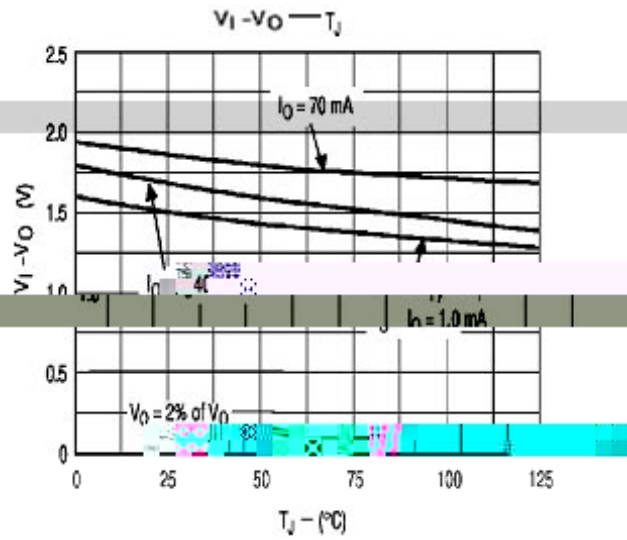
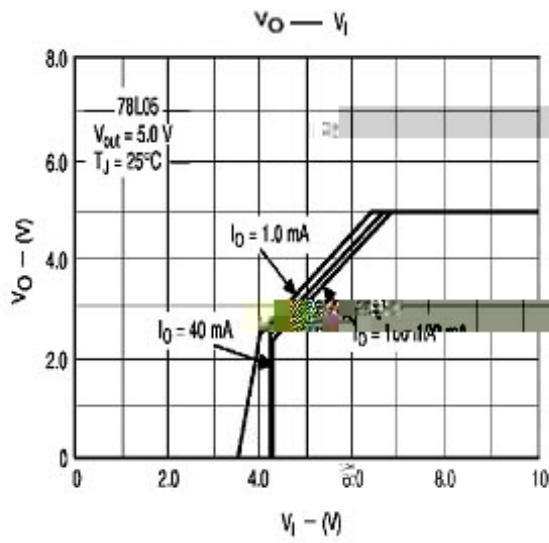
PIN1 VOUT PIN 2 VIN PIN 3 GND

/ 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

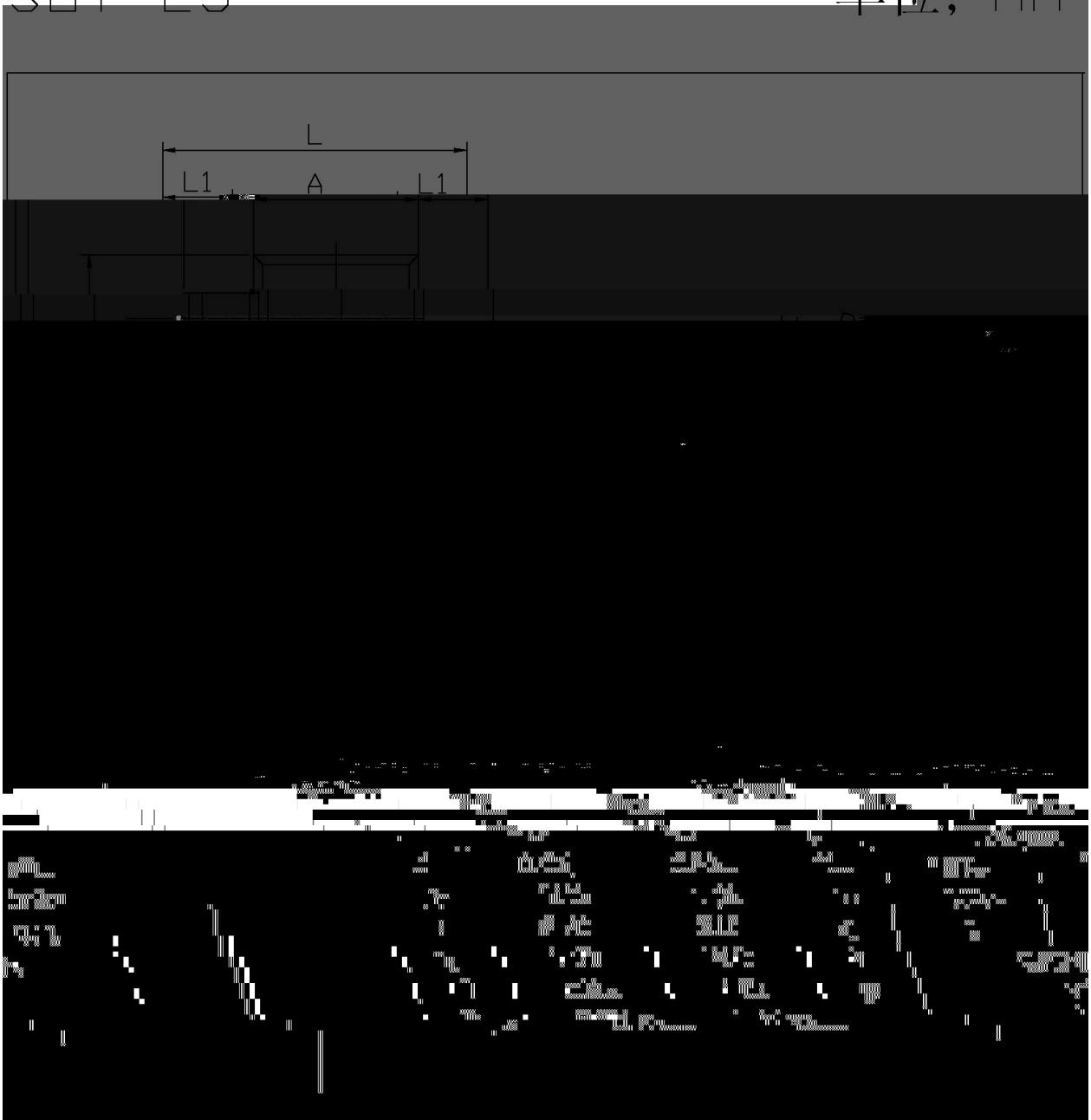
/ Electrical Characteristic Curve



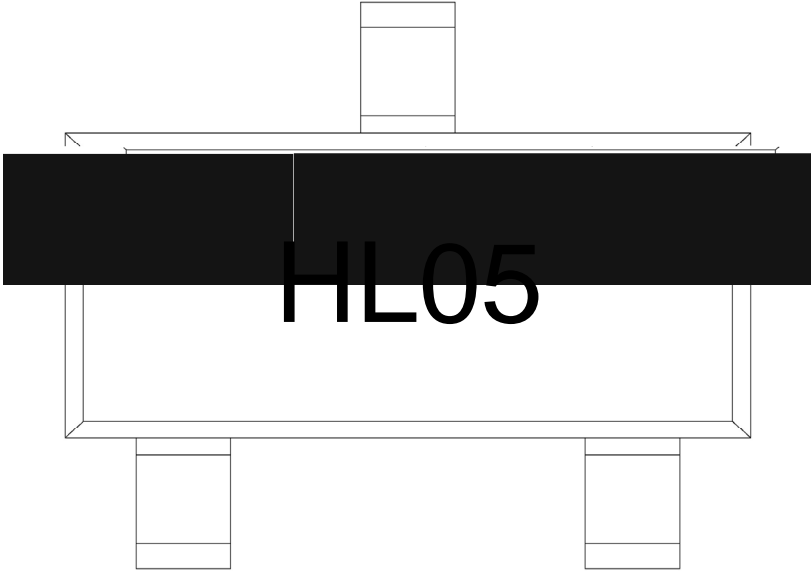
/ Package Dimensions

SOT-23

单位: mm



/ Marking Instructions



H
L05
Note:
H: Company Code
L05: Product Type Code

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

Note:

1 150 180 60 90sec; 1.Preheating: 10.5 127.3 0 T94/TT9 1 Tf1.6692 : \