

**/ Descriptions**

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

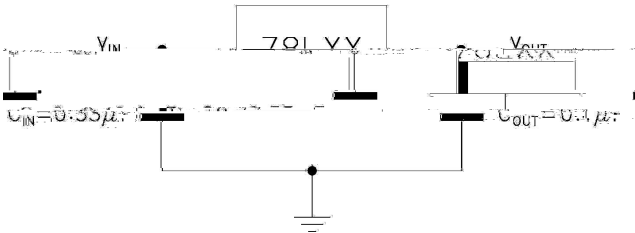
**/ Features**

( ' ' d 8#  
3-Terminal regulators ,output current up to 100 mA, internal thermal overload protection and short-circuit limiting,HF Product.

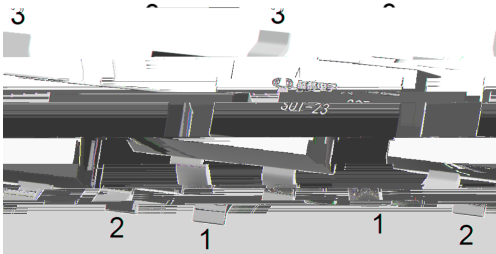
**/ Applications**

Voltage Regulator.

**/ Equivalent Circuit or Application Circuit**



**/ Pinning**



PIN1 VOUT PIN 2 VIN PIN 3 GND

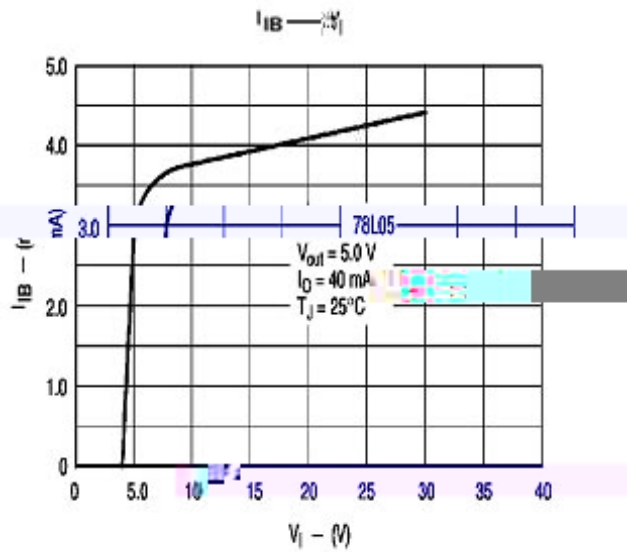
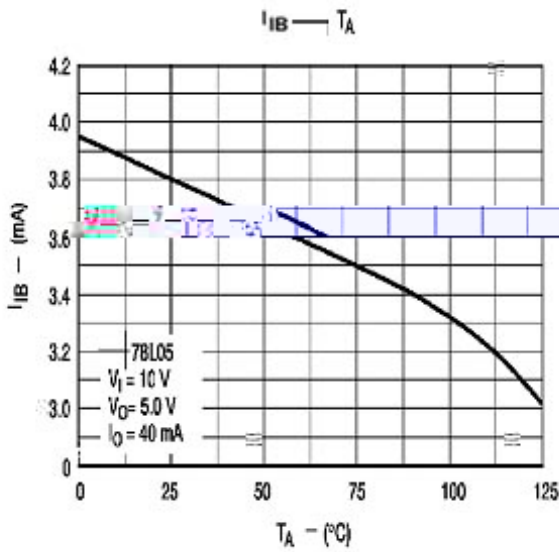
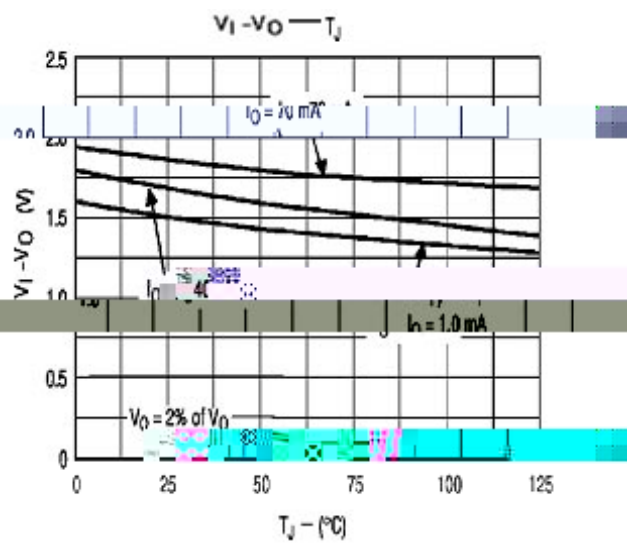
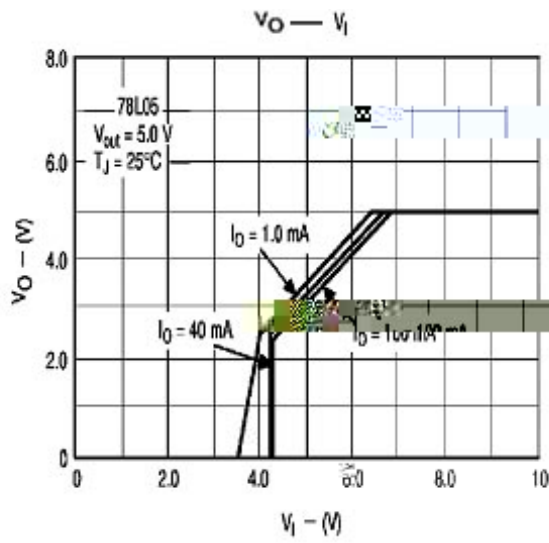
**/ Marking**

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

Storage temperature range: -40 to 125 °C

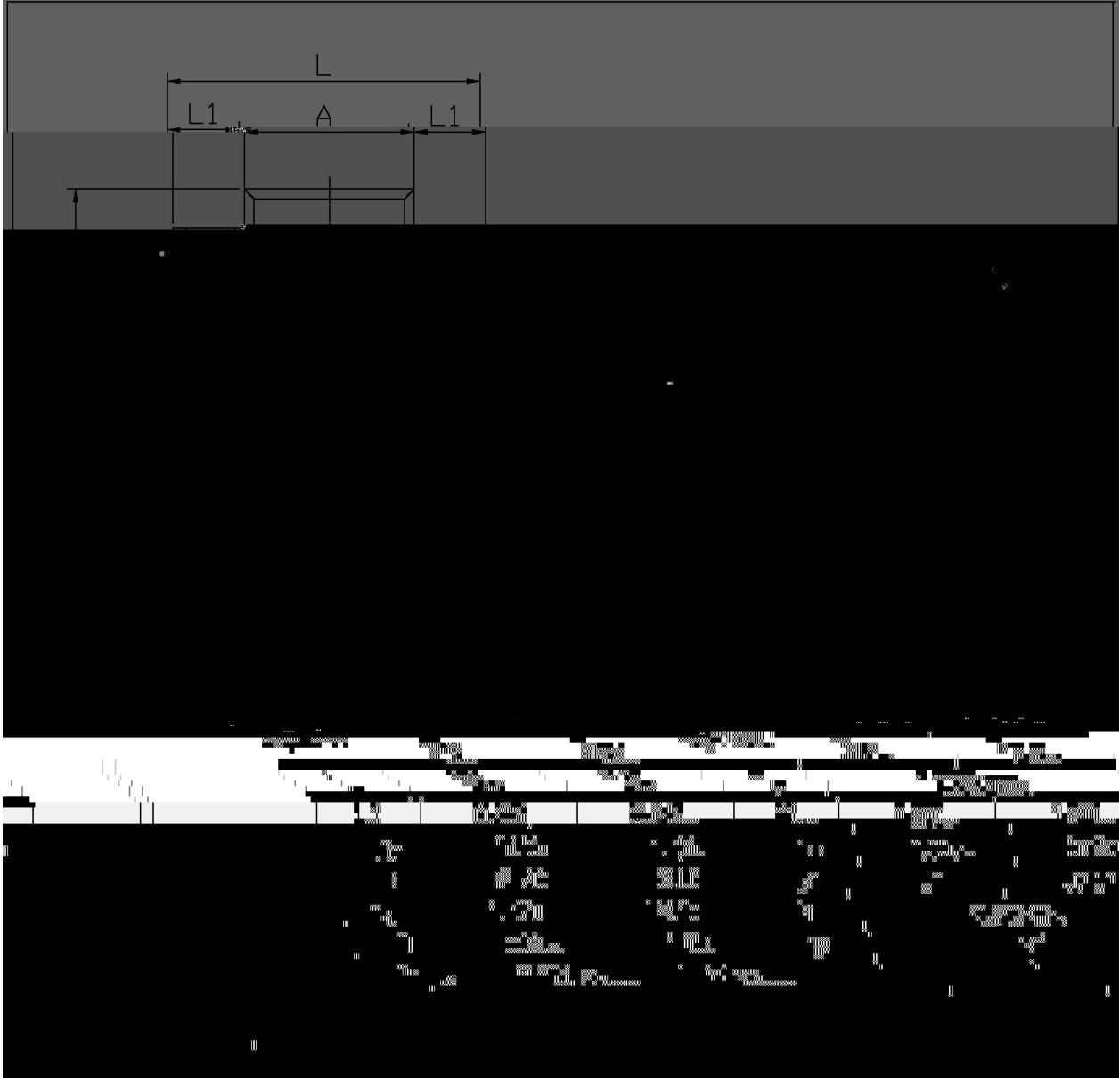
/ Electrical Characteristic Curve



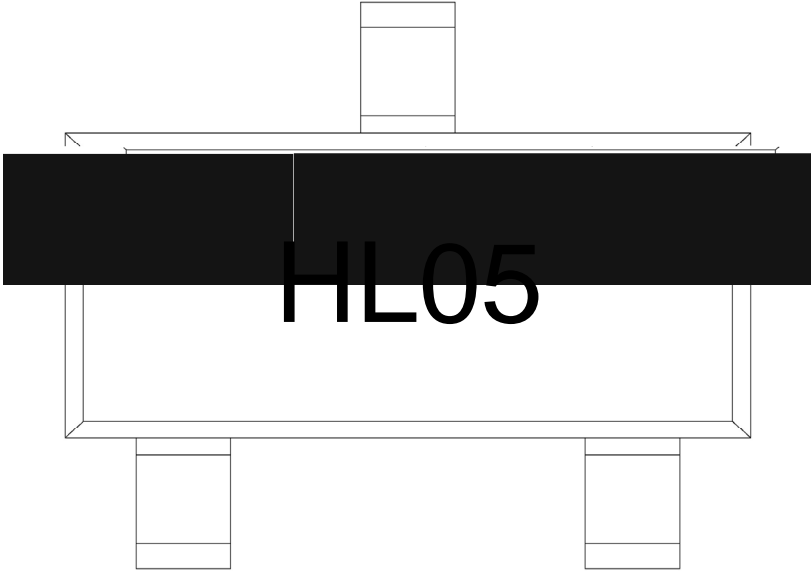
/ Package Dimensions

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 : \