

/ Descriptions

TO-252

Voltage Regulator in a TO-252 Plastic Package.

/ Features

3-Terminal regulators ,output current up to 1.5A, internal thermal overload protection and short-circuit limiting, HF Product.

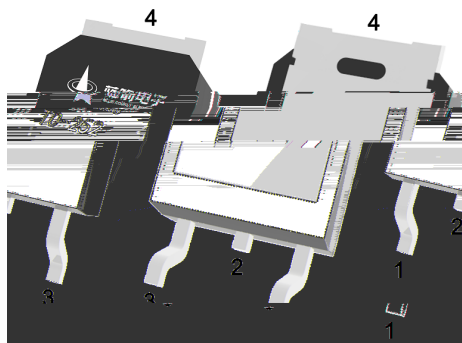
/ Applications

Voltage Regulator.

/ / Equivalent Circuit or Application Circuit



/ Pinning



PIN1 IN

PIN 2 4 GND

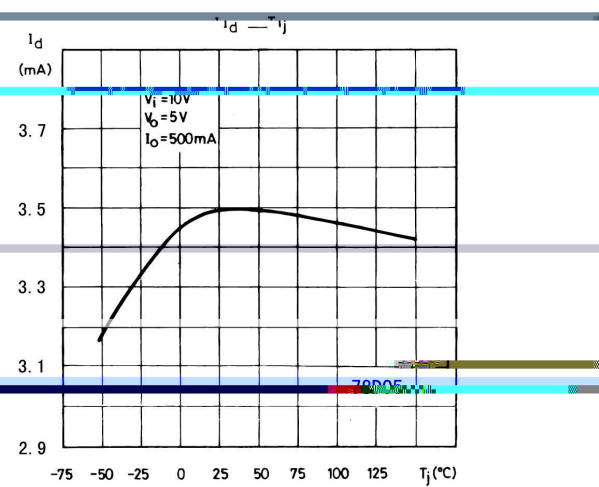
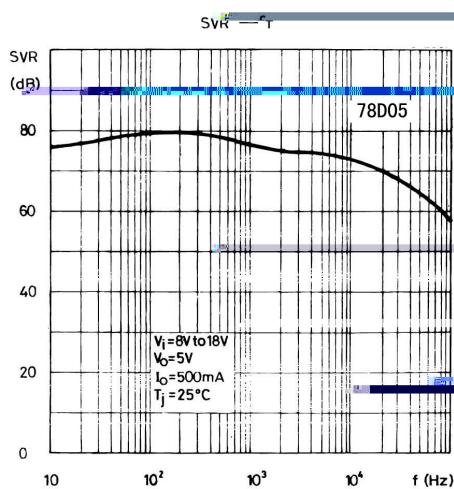
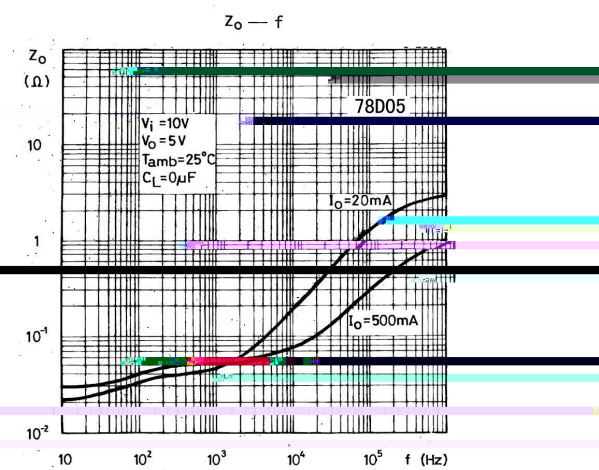
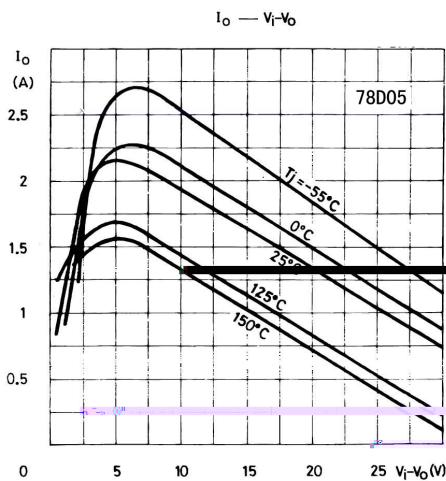
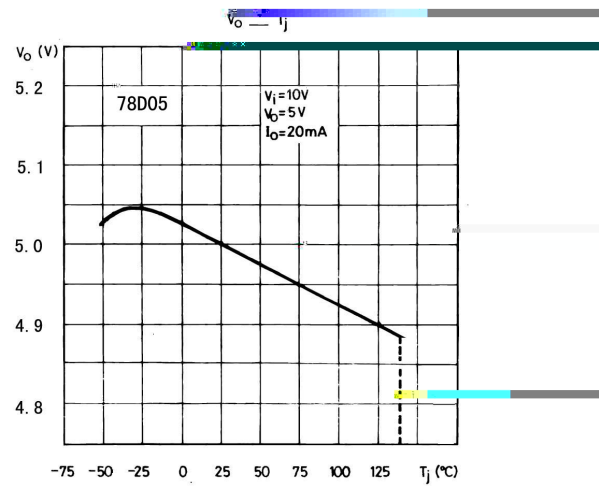
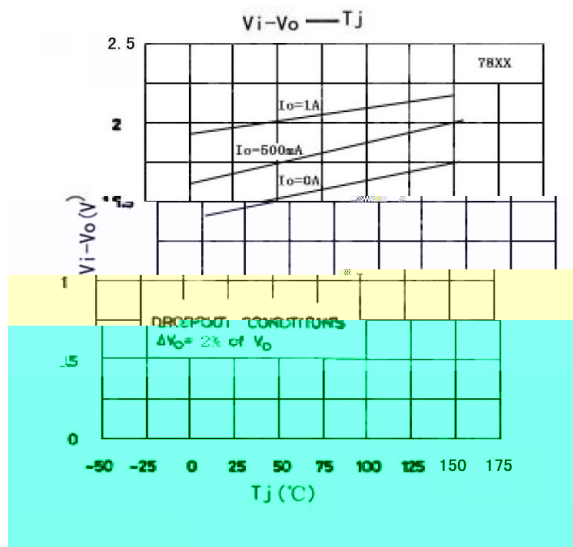
PIN 3 OUT

/ Marking

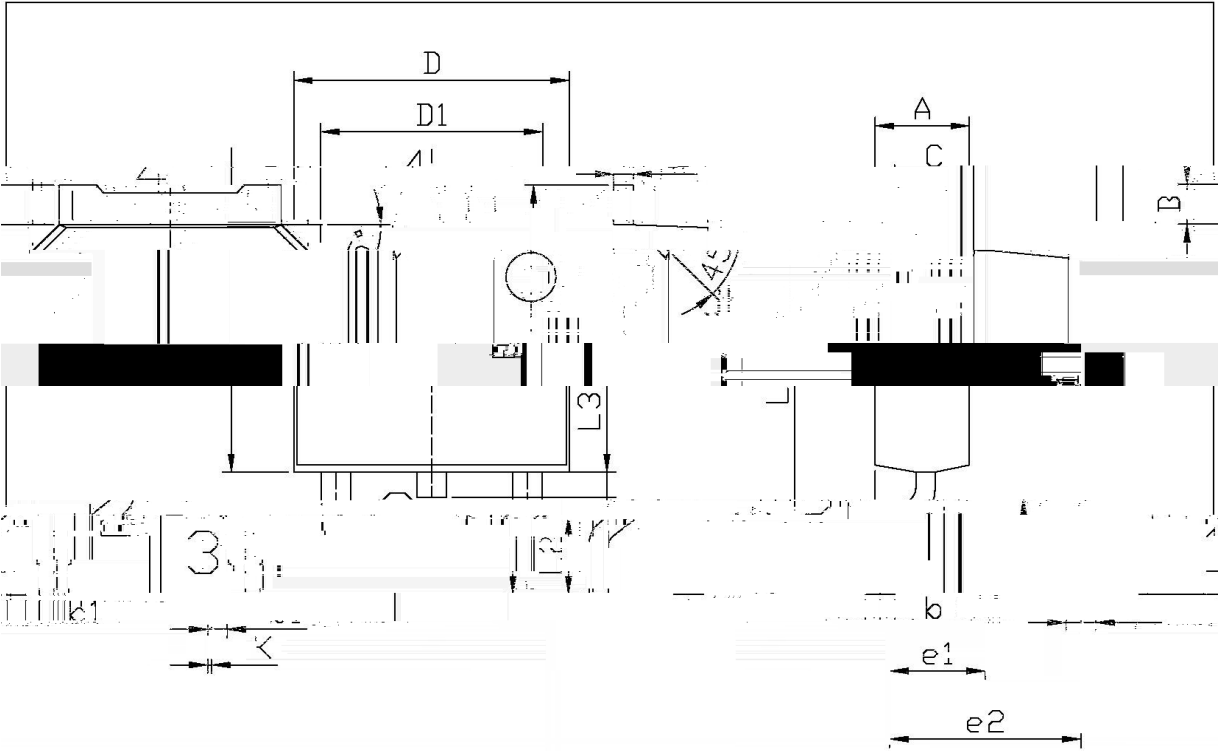
See Marking Instructions.

Parameter

/ Electrical Characteristic Curve



/ Package Dimensions



单位: mm

Dimensions In Millimeters			Dimensions In Millimeters		
Symbol	Min	Max	Symbol	Min	Max
A	2.24	2.34	B	0.95	1.25
C	2.24	2.34	D	6.45	6.75
D	6.45	6.75	E	0.60	0.90
E	0.60	0.90	F	0.60	0.90
F	0.60	0.90	G	0.60	0.90
G	0.60	0.90	H	0.60	0.90
H	0.60	0.90	I	0.60	0.90
I	0.60	0.90	J	0.60	0.90
J	0.60	0.90	K	0.60	0.90
K	0.60	0.90	L	0.60	0.90
L	0.60	0.90	M	0.60	0.90
M	0.60	0.90	N	0.60	0.90
N	0.60	0.90	O	0.60	0.90
O	0.60	0.90	P	0.60	0.90
P	0.60	0.90	Q	0.60	0.90
Q	0.60	0.90	R	0.60	0.90
R	0.60	0.90	S	0.60	0.90
S	0.60	0.90	T	0.60	0.90
T	0.60	0.90	U	0.60	0.90
U	0.60	0.90	V	0.60	0.90
V	0.60	0.90	W	0.60	0.90
W	0.60	0.90	X	0.60	0.90
X	0.60	0.90	Y	0.60	0.90
Y	0.60	0.90	Z	0.60	0.90
Z	0.60	0.90			

78D05

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() / 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 0.5sec;

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