

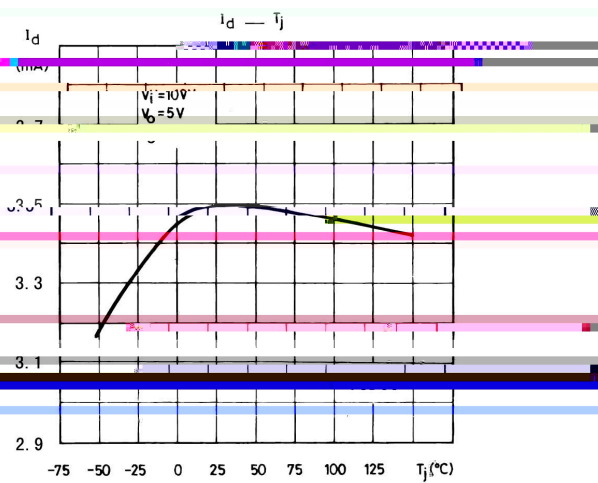
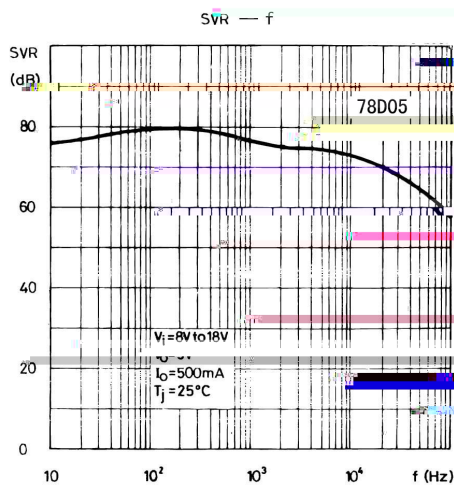
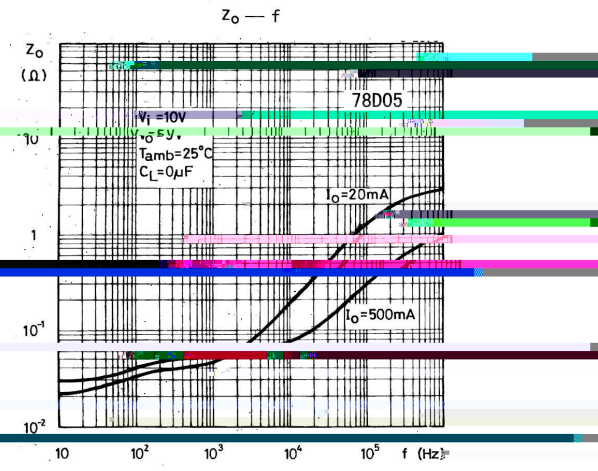
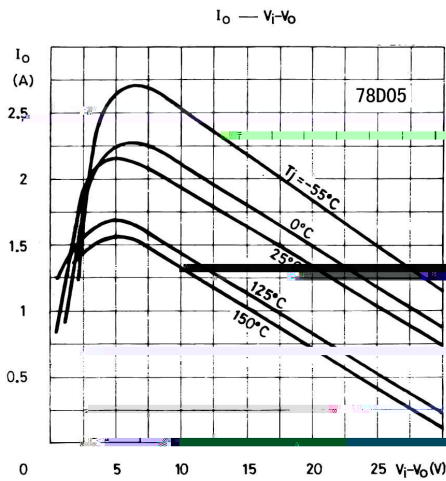
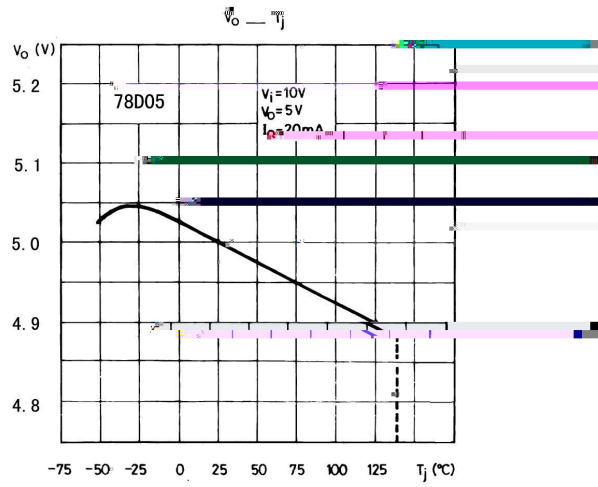
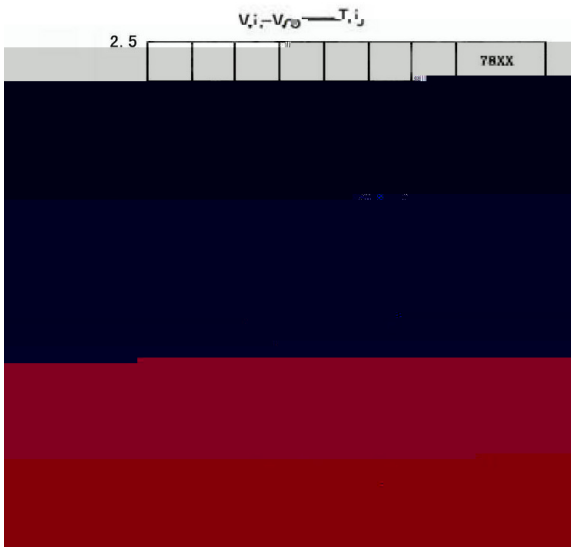
**78D05**  
Rev.J Jun.-2024

TO-252 Voltage Regulator in a TO-252 Plastic Package.

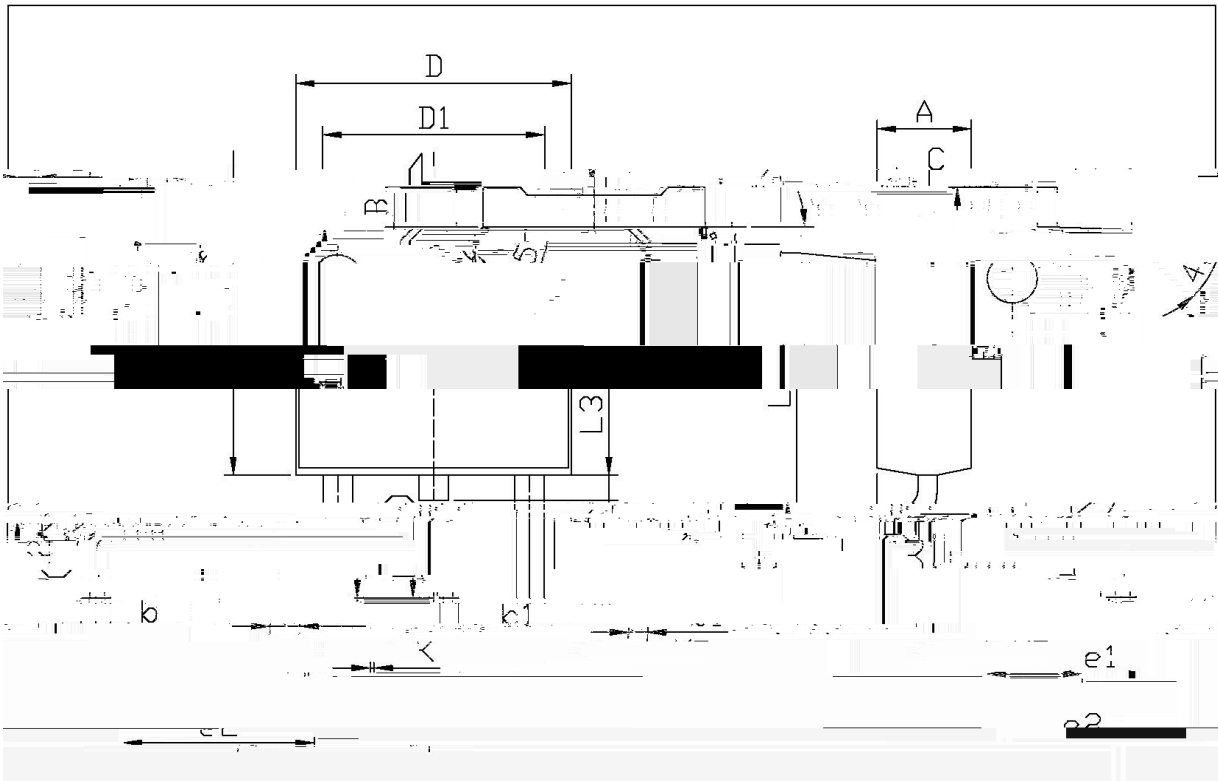
3-Terminal regulators ,outl8 RegSrrent up to .52A,in JJ-2.230030 TD-.0005 Tc.0028 Tw[Vteral rthermal-7.( overl)-4

Parameter

/ Electrical Characteristic Curve



/ Package Dimensions



单位: mm

Dimensions, Millimeters		Dimensions, In Millimeters			
Min.	Max.	Min.	Max.		
B	0.95	1.25	e1	2.24	2.34
b	0.70	0.90	e2	4.62	4.73
b1	0.45	0.55	CL	0.95	0.95
b2	0.45	0.55	CL	0.60	0.60
b3	0.10	0.10	CL	5.10	5.50

T0-252

**78D05**

Rev.J Jun.-2024

( ) / 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 <sup>3</sup> )			
TO-252	2,e-							

30.8 .9 6 49.3.5( .4800001 ref30.8 68 89.48 .47998 1.26 ref30.8 .9 6 49.3.5( .48001 ref430.8 35948 .48001 1.26 ref4130.8 .9.26 633.5( .48001 ref430