

/ Descriptions

SOT23-3
Low dropout linear regulator in a SOT23-3 Plastic Package .

/ Features

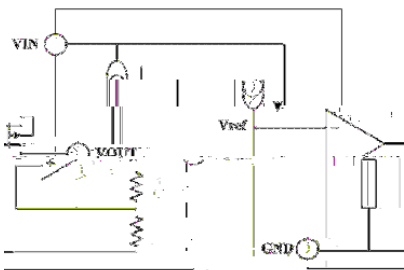
24V 1.5μA ±2%

Low power consumption,Low voltage drop,Small temperature drift coefficient, Input voltage up to 24V,The static current 1.5μA,The output voltage accuracy:±2%, HF Product.

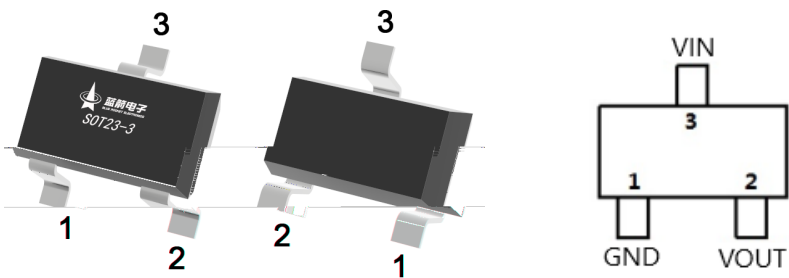
/ Applications

For use in power equipment,Communication equipment,Audio and video equipment.

/ Equivalent Circuit



/ Pinning



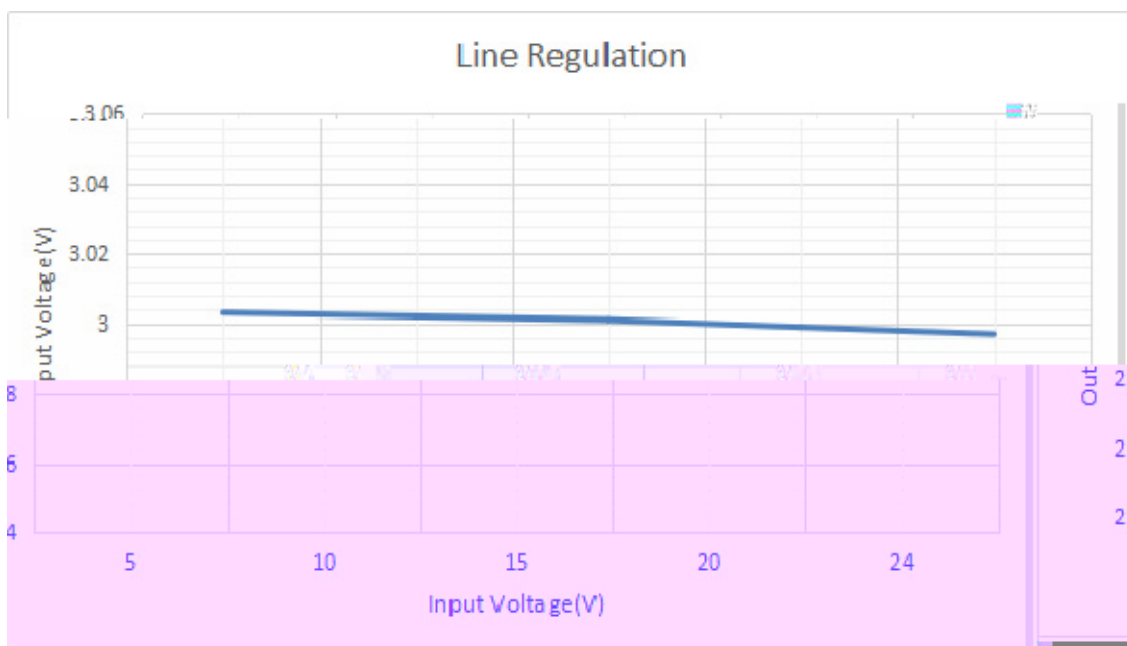
1	GND		3	VIN	
2	VOUT				

/ Marking

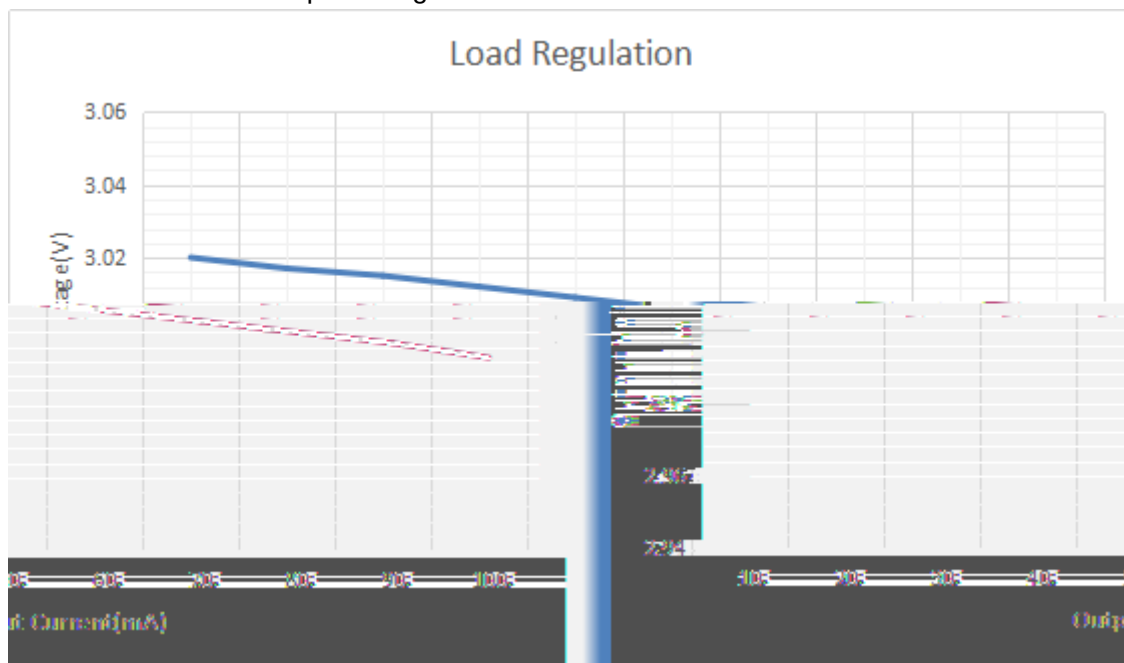
See Marking Instructions.

/ Electrical Characteristic Curve

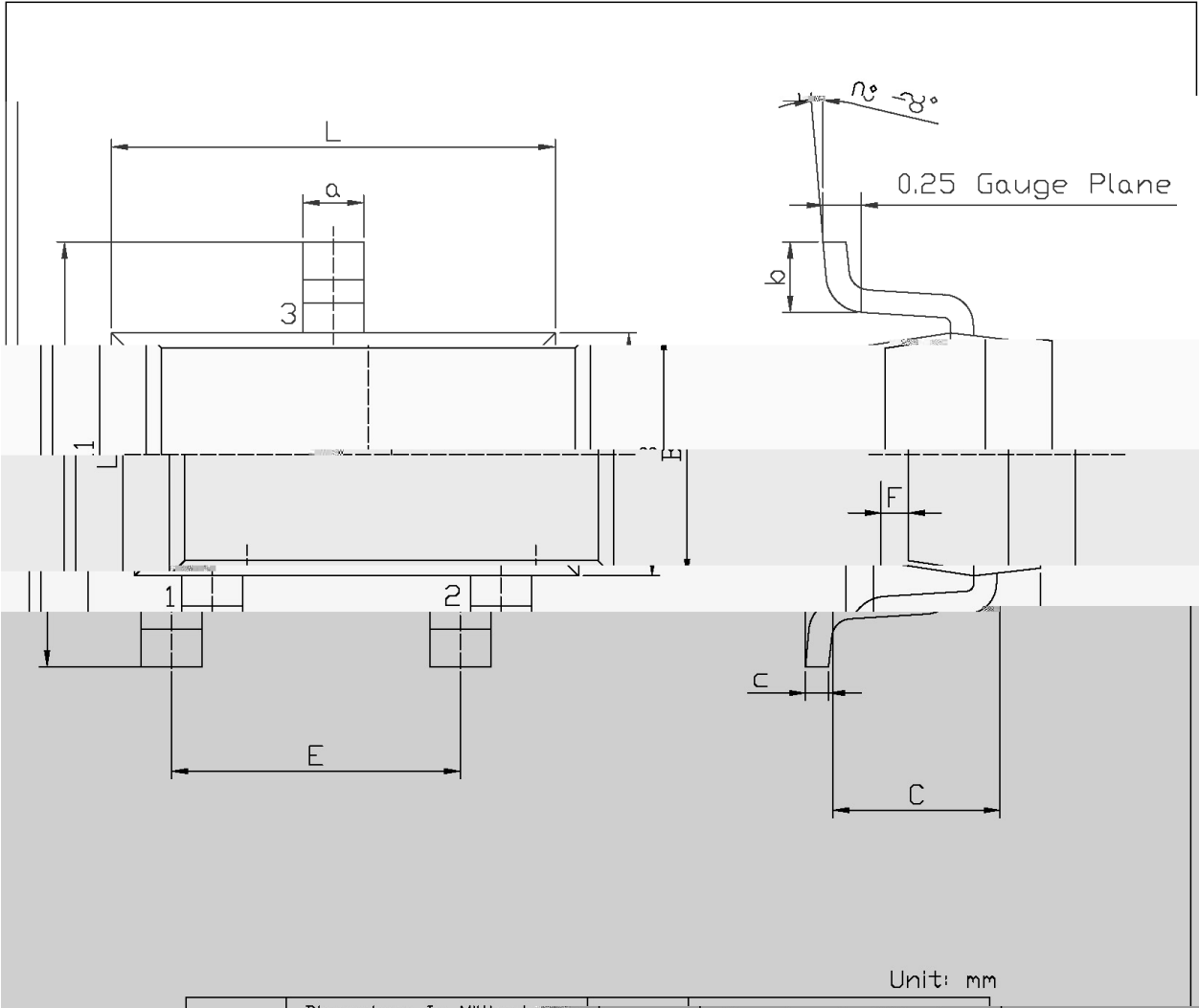
/ The input voltage and output voltage

 $I_{OUT}=10mA$

/ The output voltage and load current

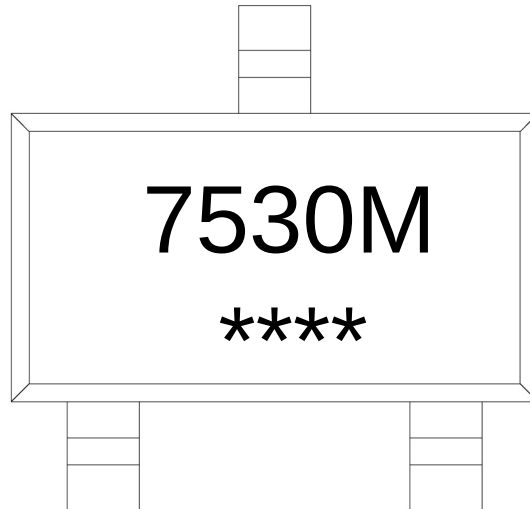
 $V_{IN}=5.0V$

/ Package Dimensions



Dimensions in Millimeters			Dimensions in Millimeters		
1	0.5	0.5	2	0.5	0.5
3	0.5	0.5	4	0.5	0.5
5	0.5	0.5	6	0.5	0.5
7	0.5	0.5	8	0.5	0.5
9	0.5	0.5	10	0.5	0.5
11	0.5	0.5	12	0.5	0.5
13	0.5	0.5	14	0.5	0.5
15	0.5	0.5	16	0.5	0.5
17	0.5	0.5	18	0.5	0.5
19	0.5	0.5	20	0.5	0.5
21	0.5	0.5	22	0.5	0.5
23	0.5	0.5	24	0.5	0.5
25	0.5	0.5	26	0.5	0.5
27	0.5	0.5	28	0.5	0.5
29	0.5	0.5	30	0.5	0.5
31	0.5	0.5	32	0.5	0.5
33	0.5	0.5	34	0.5	0.5
35	0.5	0.5	36	0.5	0.5
37	0.5	0.5	38	0.5	0.5
39	0.5	0.5	40	0.5	0.5
41	0.5	0.5	42	0.5	0.5
43	0.5	0.5	44	0.5	0.5
45	0.5	0.5	46	0.5	0.5
47	0.5	0.5	48	0.5	0.5
49	0.5	0.5	50	0.5	0.5
51	0.5	0.5	52	0.5	0.5
53	0.5	0.5	54	0.5	0.5
55	0.5	0.5	56	0.5	0.5
57	0.5	0.5	58	0.5	0.5
59	0.5	0.5	60	0.5	0.5
61	0.5	0.5	62	0.5	0.5
63	0.5	0.5	64	0.5	0.5
65	0.5	0.5	66	0.5	0.5
67	0.5	0.5	68	0.5	0.5
69	0.5	0.5	70	0.5	0.5
71	0.5	0.5	72	0.5	0.5
73	0.5	0.5	74	0.5	0.5
75	0.5	0.5	76	0.5	0.5
77	0.5	0.5	78	0.5	0.5
79	0.5	0.5	80	0.5	0.5
81	0.5	0.5	82	0.5	0.5
83	0.5	0.5	84	0.5	0.5
85	0.5	0.5	86	0.5	0.5
87	0.5	0.5	88	0.5	0.5
89	0.5	0.5	90	0.5	0.5
91	0.5	0.5	92	0.5	0.5
93	0.5	0.5	94	0.5	0.5
95	0.5	0.5	96	0.5	0.5
97	0.5	0.5	98	0.5	0.5
99	0.5	0.5	100	0.5	0.5

/ Marking Instructions



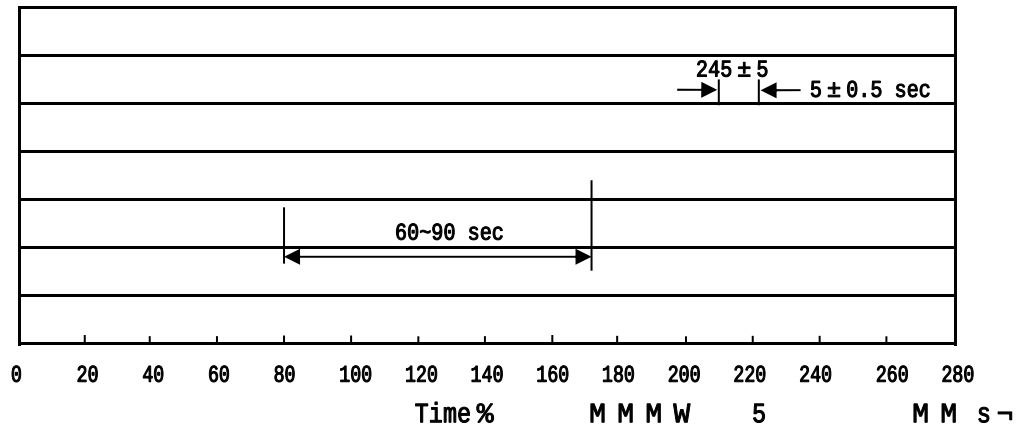
7530M

Note:

7530M: Product Type Code

****: Lot No. Code, code change with Lot No

() / 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
SOT23-3	3,000	10	30,000	4	120,000	7 ×8	210×205×205	445×435×230

/ Notices