

/ Descriptions

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

/ Features

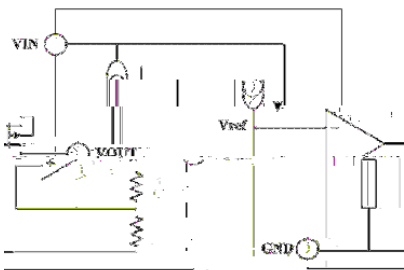
24V 1.5μA ±2%

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.

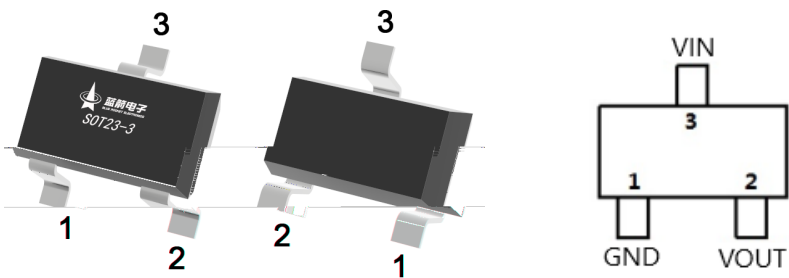
/ Applications

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

/ Equivalent Circuit



/ Pinning



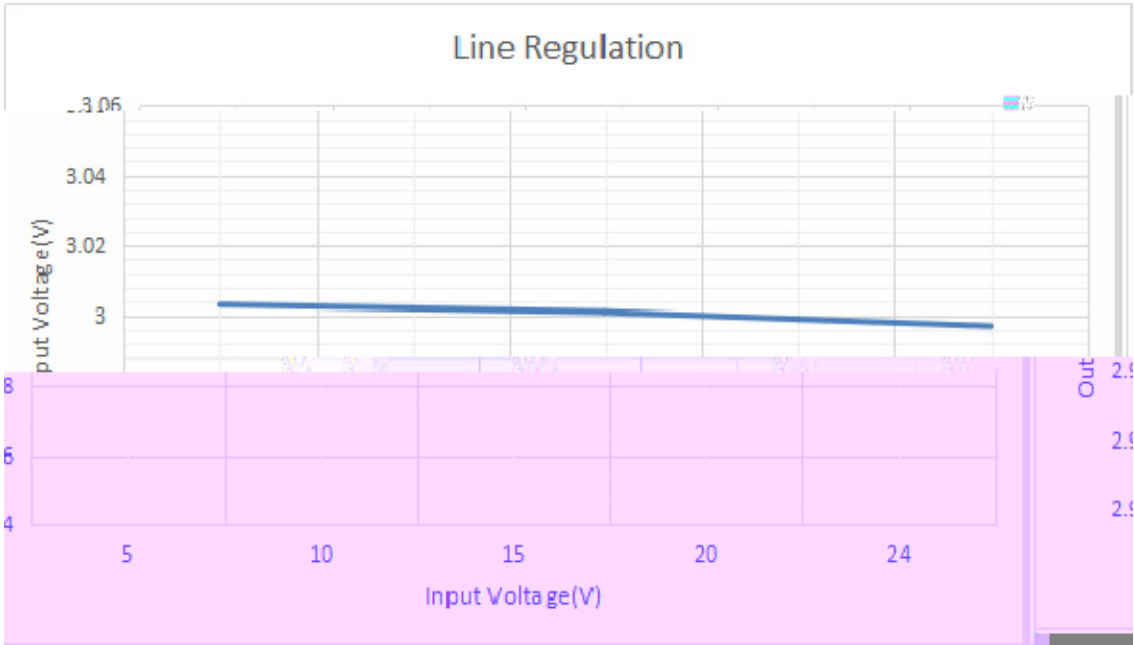
1	GND		3	VIN	
2	VOUT				

/ Marking

See Marking Instructions.

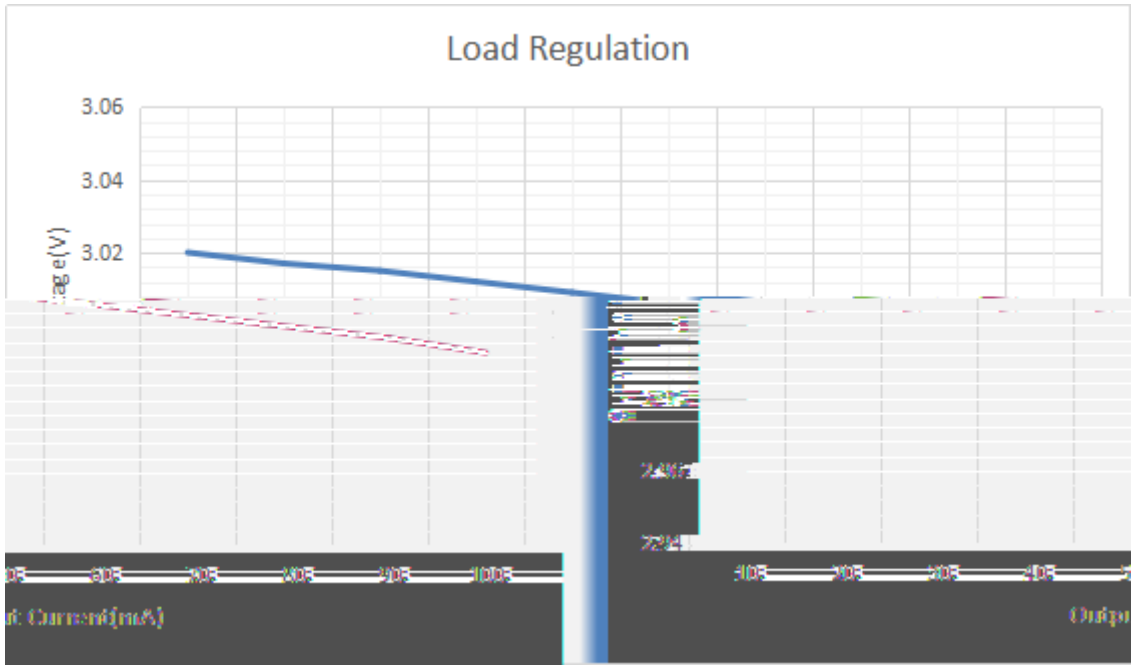
/ Electrical Characteristic Curve

/ The input voltage and output voltage



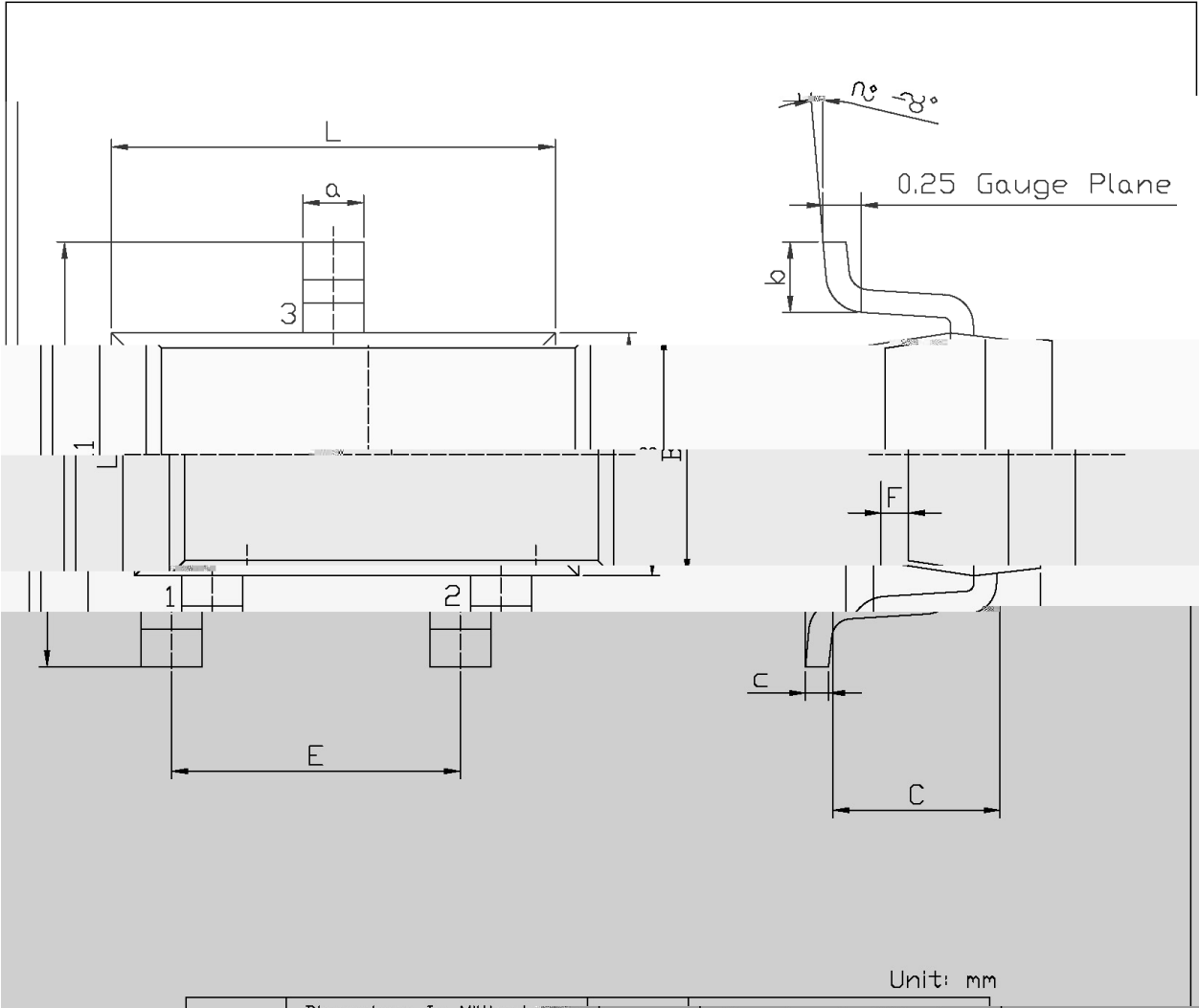
$I_{OUT}=10mA$

/ The output voltage and load current



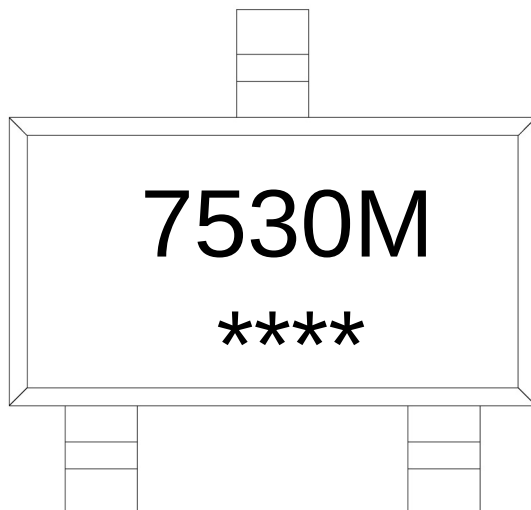
$V_{IN}=5.0V$

/ Package Dimensions



Dimensions in Millimeters			Dimensions in Millimeters		
1	0.25	0.25	2	0.25	0.25
3	0.25	0.25	4	0.25	0.25
5	0.25	0.25	6	0.25	0.25
7	0.25	0.25	8	0.25	0.25
9	0.25	0.25	10	0.25	0.25
11	0.25	0.25	12	0.25	0.25
13	0.25	0.25	14	0.25	0.25
15	0.25	0.25	16	0.25	0.25
17	0.25	0.25	18	0.25	0.25
19	0.25	0.25	20	0.25	0.25
21	0.25	0.25	22	0.25	0.25
23	0.25	0.25	24	0.25	0.25
25	0.25	0.25	26	0.25	0.25
27	0.25	0.25	28	0.25	0.25
29	0.25	0.25	30	0.25	0.25
31	0.25	0.25	32	0.25	0.25
33	0.25	0.25	34	0.25	0.25
35	0.25	0.25	36	0.25	0.25
37	0.25	0.25	38	0.25	0.25
39	0.25	0.25	40	0.25	0.25
41	0.25	0.25	42	0.25	0.25
43	0.25	0.25	44	0.25	0.25
45	0.25	0.25	46	0.25	0.25
47	0.25	0.25	48	0.25	0.25
49	0.25	0.25	50	0.25	0.25
51	0.25	0.25	52	0.25	0.25
53	0.25	0.25	54	0.25	0.25
55	0.25	0.25	56	0.25	0.25
57	0.25	0.25	58	0.25	0.25
59	0.25	0.25	60	0.25	0.25
61	0.25	0.25	62	0.25	0.25
63	0.25	0.25	64	0.25	0.25
65	0.25	0.25	66	0.25	0.25
67	0.25	0.25	68	0.25	0.25
69	0.25	0.25	70	0.25	0.25
71	0.25	0.25	72	0.25	0.25
73	0.25	0.25	74	0.25	0.25
75	0.25	0.25	76	0.25	0.25
77	0.25	0.25	78	0.25	0.25
79	0.25	0.25	80	0.25	0.25
81	0.25	0.25	82	0.25	0.25
83	0.25	0.25	84	0.25	0.25
85	0.25	0.25	86	0.25	0.25
87	0.25	0.25	88	0.25	0.25
89	0.25	0.25	90	0.25	0.25
91	0.25	0.25	92	0.25	0.25
93	0.25	0.25	94	0.25	0.25
95	0.25	0.25	96	0.25	0.25
97	0.25	0.25	98	0.25	0.25
99	0.25	0.25	100	0.25	0.25

/ Marking Instructions



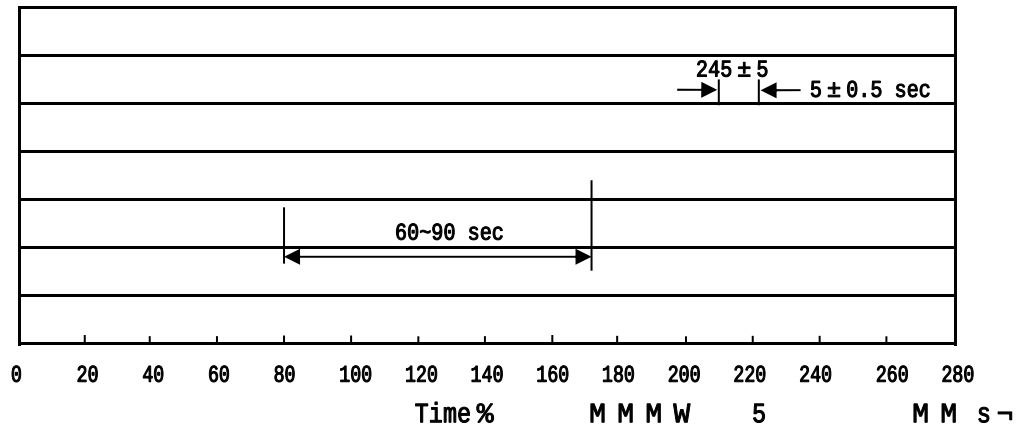
7530M

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