/ Descriptions

SOT23-3

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

/ Features

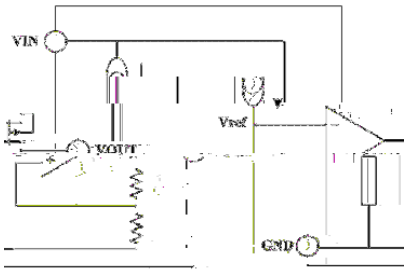
24V	1.5μA	±2%

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.

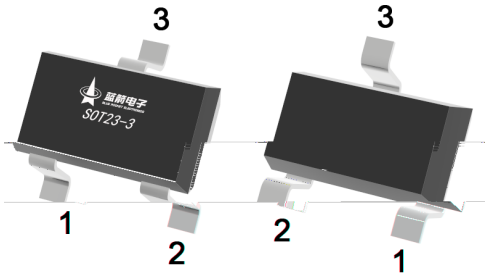
/ Applications

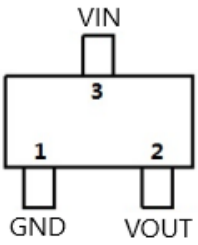
For use in power equipment,Communication equipment,Audio and video equipment.

/ Equivalent Circuit



/ Pinning





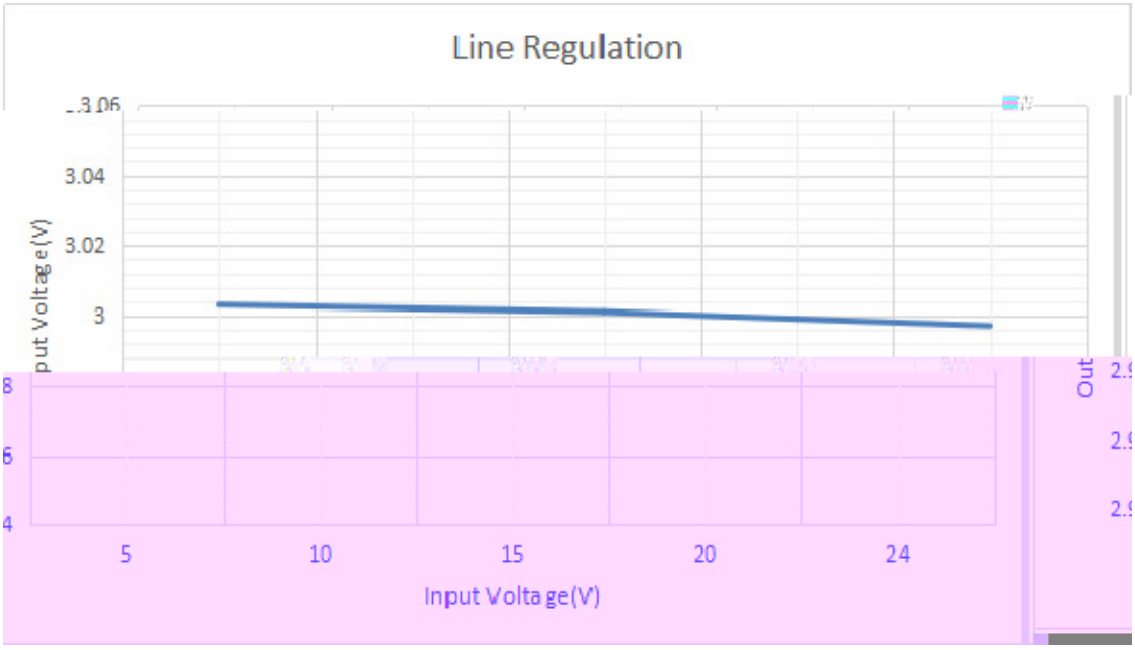
1	GND		3	VIN	
2	VOUT				

/ Marking

See Marking Instructions.

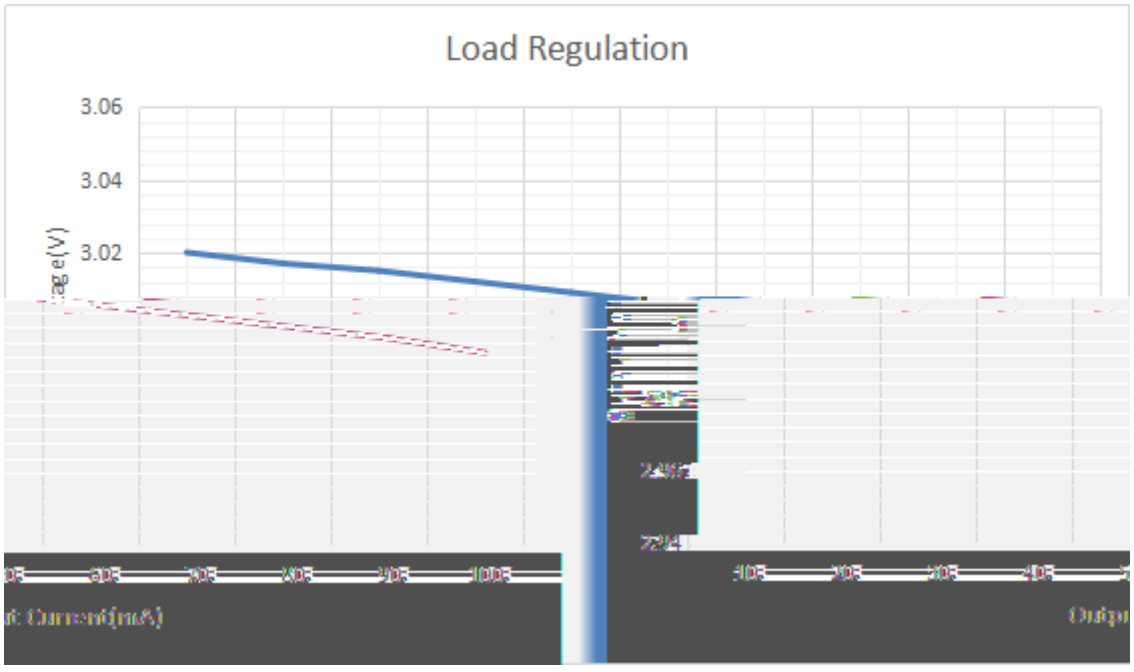
/ Electrical Characteristic Curve

/ The input voltage and output voltage



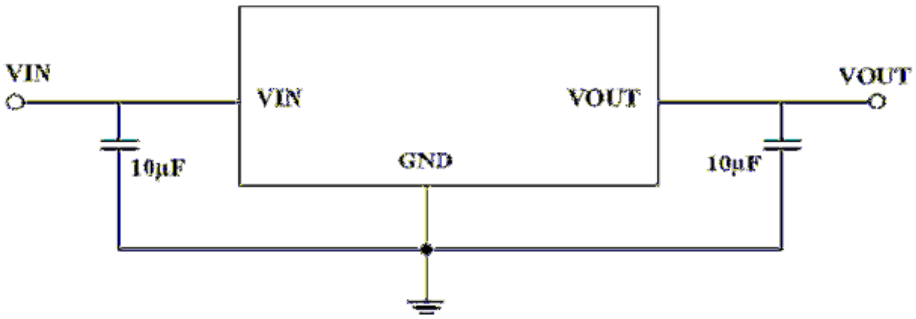
I_{OUT}=10mA

/ The output voltage and load current



V_{IN}=5.0V

/ Typical Application Circuit

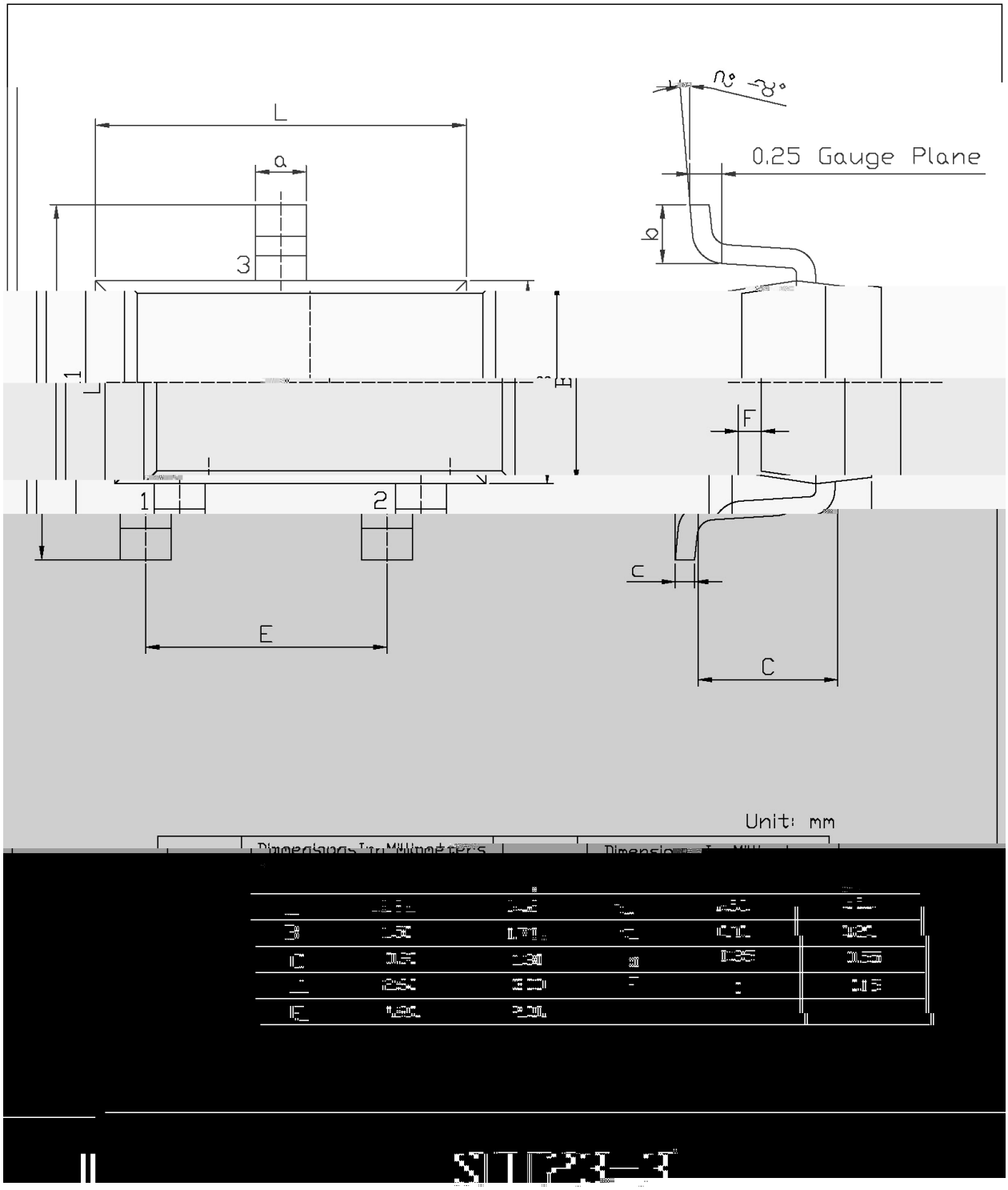


1. VIN VOUT

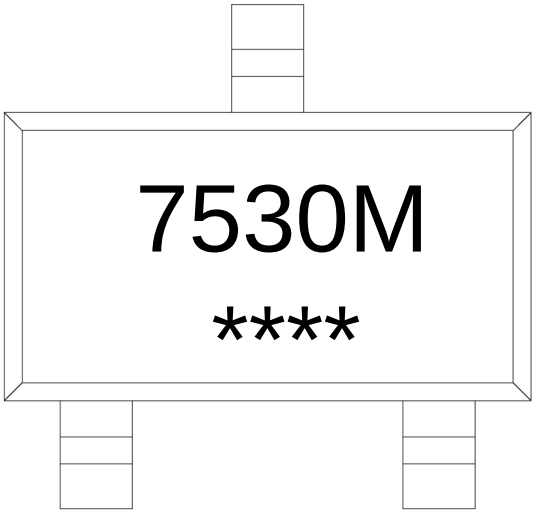
2 ESR 2.2uF

3 IC

/ Package Dimensions



/ Marking Instructions



7530M

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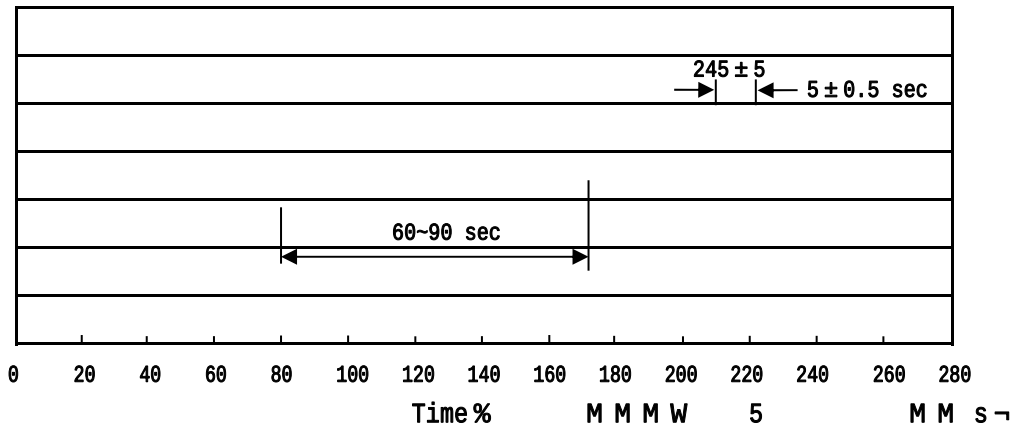
Note:

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 mm³)
	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