! '-'' ./01.2'3.4532''

A	2022-8-12	ALL	ALL		

& ' ' '-' ' (.1430<=05:1'

SOT-89

Low dropout linear regulator in a SOT-89 Plastic Package .

( ) ' ' -' ' >.8=?3.1'

20V 1.5μA ±2%

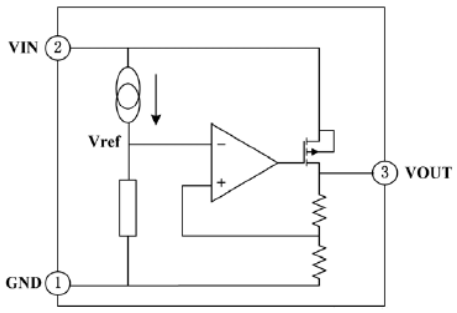
Low power consumption,Low voltage drop,Small temperature drift coefficient,High input voltage up to 20V,The static current 1.5μA,The output voltage accuracy:±2%,HF Product.

'

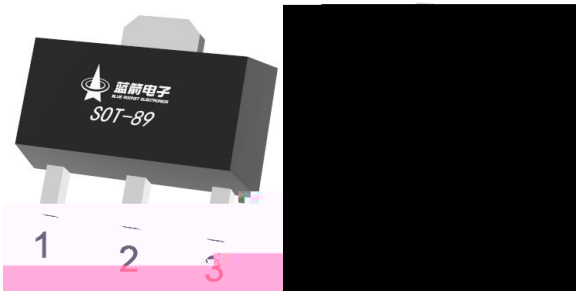
* +' ' -' ')<<@048=05:1' '

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

, - . / 0 1' ' -' ' ,A?0/8@.:=' 034?0='



2 3 4 5' ' -' 'B0::0:;'



PIN1 GND PIN 2 VIN PIN 3 VOUT

" # $ %' ' -' ' 7 8390:;'

/ See Marking Instructions.

'

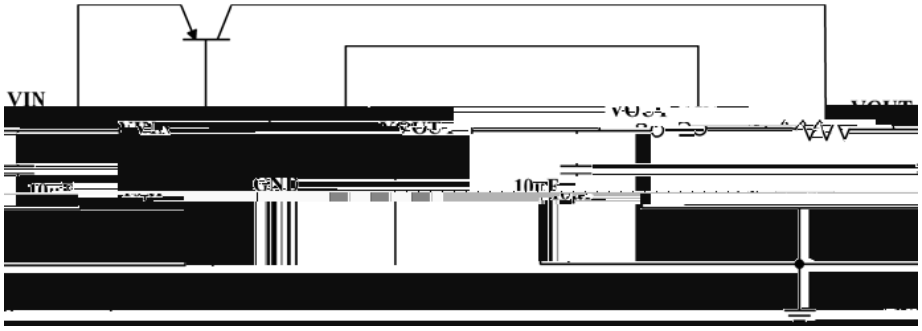
Parameter	Symbol	Rating	Unit

= > ? * 0 1 ' ' -' ' &K<048@')<<@048=05:' 034?0='

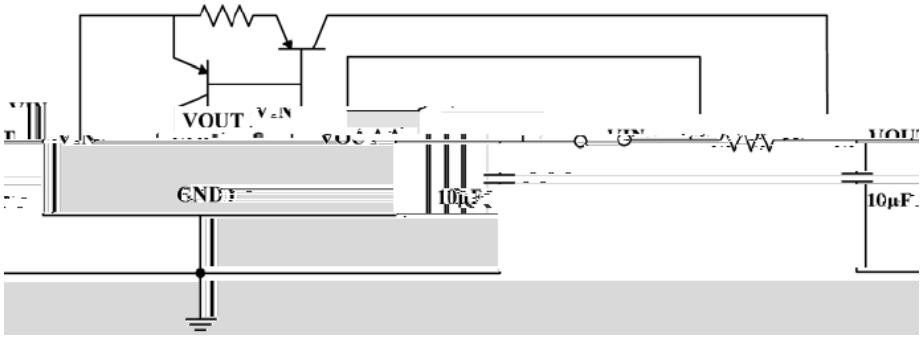
/ Basic Application



/ High Output Current Voltage Regulator



/ Short-Circuit Protection



= > ? * 0 1 ' ' -' ' &K<048@'ĥ) <<@048=05 : ' ґ034?0='

/ Circuit h n

@A B C D' '-' 'B8498; .'(0F . : 105 : 1'



" # E F' '

G H I J K L M D G N O I' ' -' ' P Q R S Q T U V W T Q X Y T Z [\ ] Q X [Z T X ^ _ X _ Q [ ] Z ` X a Z] b Q T \ c d e Y f g h T Q Q i'

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.

j l k l m n o p' ' -' ' ' .101=8:4.'=5'*5@2.30:;'+.8='&.1=' 5:20=05:1'

260±5℃ 10±1 sec. Temp.:260±5℃ Time:10±1 sec8

q r s t' ' -' ' B8498;0:;'*B, 0'

/ REEL

Package Type	Units					Dimension		(unit mm3)
	Units/Reel 只/卷盘	Reels/Inner Box 卷盘/盒	Units/Inner Box 只/盒	Inner Boxes/Outer Box 盒/箱	Units/Outer Box 只/箱	Reel	Inner Box	Outer Box
SOT-89	1,000	/	7,000	6	42,000	7″ ×12	180×120×180	390×385×205