

BRCO7350UMC

CMOS

200mA

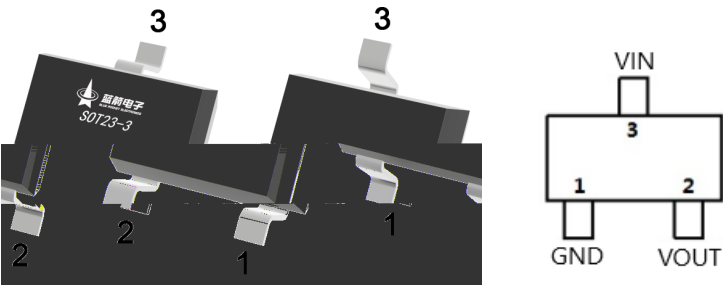
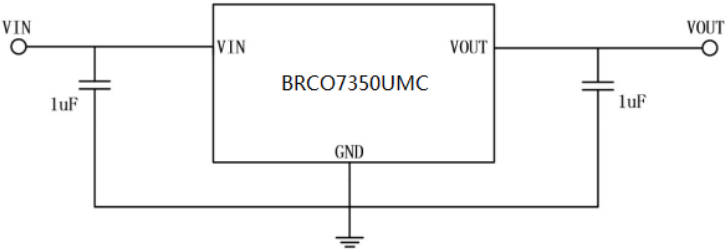
55V

BRCO7350UMC

CMOS

- ◆ 55V
- ◆ 200mA
- ◆ 800mV@Iout=100mA
- ◆ 2.5μA
- ◆ ±50ppm/
- ◆ ±2
- ◆ PSRR 70dB@1kHz
- ◆ SOT23-3

- ◆
- ◆
- ◆ /

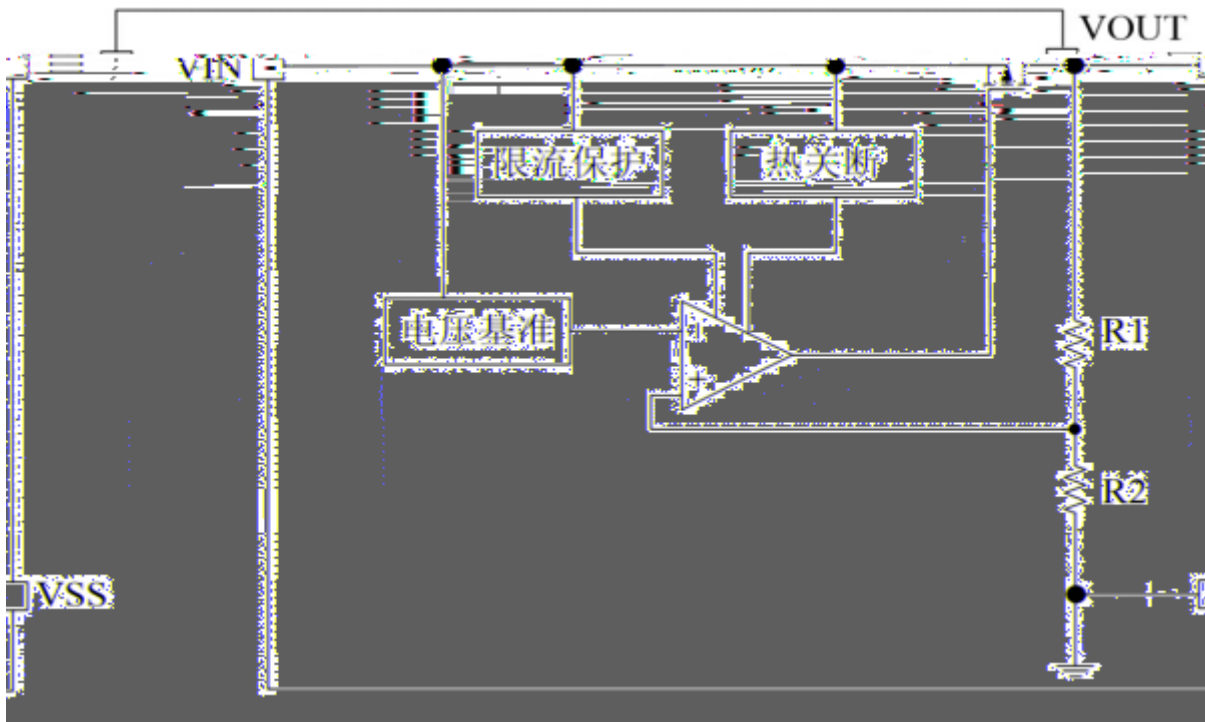


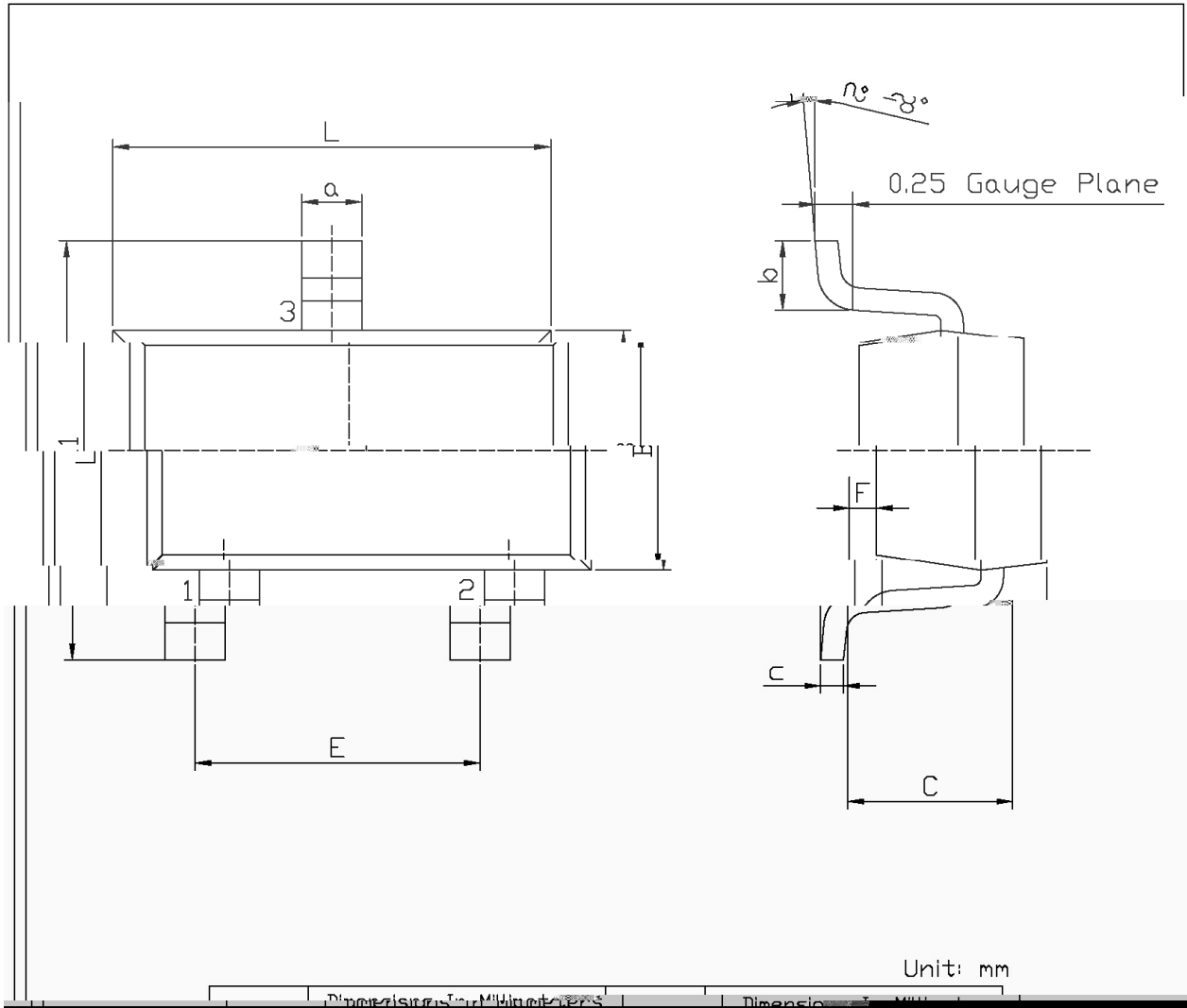
1	GND		3	VIN	
2	VOUT				

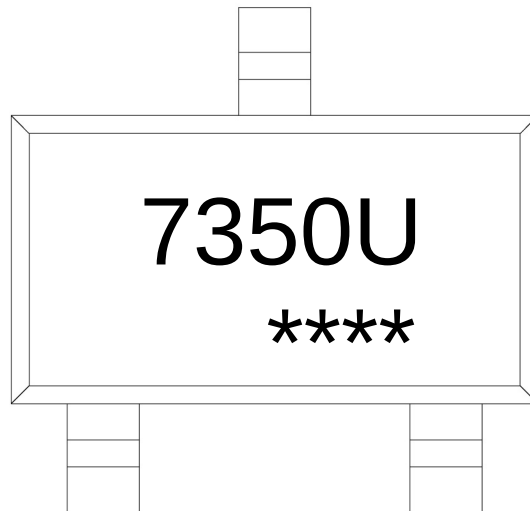
	V_{IN_MAX}	55	V
	V_{IN}	45	V
	I_{OUT}	250	mA
	P_D	0.3	W
	T_{stg}	-40 to +125	°C
	T_{OP}	-10 to +85	

	V_{IN}				45	V
	V_{OUT}		$V_{OUT} * 0.98$		$V_{OUT} * 1.02$	V
	I_{SS}	$I_{OUT}=0mA$		2.5	6	uA
	I_{OUT}			200		mA
	I_{LIM}			350		mA
	V_{DROP}	$I_{OUT}=100mA$		800		mV
	V_{LOAD}	1mA I_{OUT} 100mA	-50	10	50	mV
	V_{LINE}	$V_{OUT}+2V$ V_{IN} 45V $I_{OUT}=10mA$		0.01	0.2	%/V
	$V_{OUT}/$ ($T_A * V_{OUT}$)	$I_{OUT}=1mA$ -40 T_A 85		50		ppm/
	PSRR	f=100Hz		80		dB
		f=1kHz		70		
		f=10kHz		50		
	T_{SD}			160		
	T_{SD}			25		

/ Functionl Block Diagram







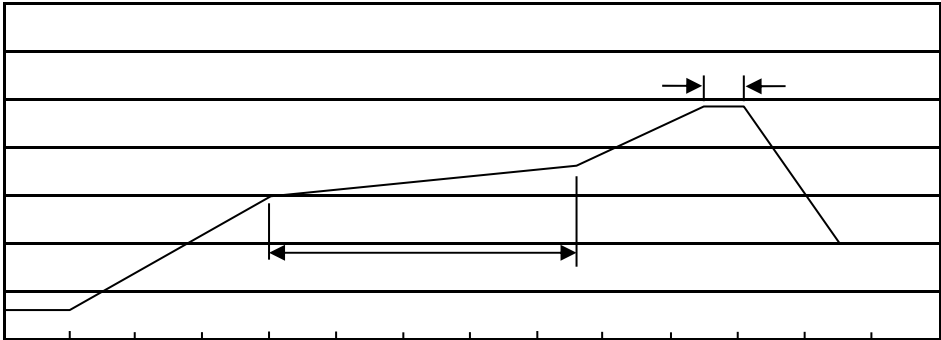
7350U

Note:

7350U: 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 °C , Time:60~90sec.
- 2

245±5

5±0.5sec;

2.Peak Temp.:245±5 °C , Duration:5±0.5sec.
- 3

2 10

/sec.

3. Cooling Speed: 2~10 °C/sec.

260±5

10±1 sec.

Temp.:260±5

Time:10±1 sec

/ REEL

Package Type 7>β E	Units ;>β fH					Dimension ;>β p . (unit ~ mm³)		
	Units/Reel / >-	Reels/Inner Box s- /-	Units/Inner Box /-	Inner Boxes/Outer Box - /1ç	Units/Outer Box /1ç	Reel	Inner Box -	Outer Box 1ç
SOT23-3	3,000	10	30,000	4	120,000	7 ×8	210×205×205	445×435×230