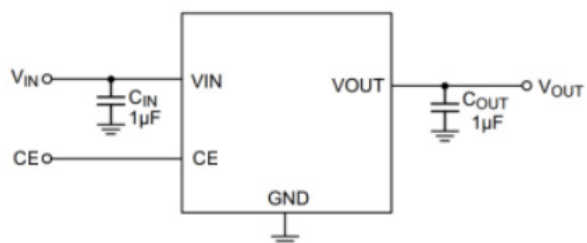


BRCO2600MEQ

Rev.A Dec.-2023

- ◆ 40uVrms 10Hz~100kHz
- ◆ 150mV@150mA
- ◆ 50uA
- ◆ 300mA
- ◆ 75dB@1kHz
- ◆
- ◆
- ◆ 2.0V~6.0V
- ◆ 1.2V~5.0V
- ◆ 2%
- ◆
- ◆
- ◆ SOT23-5

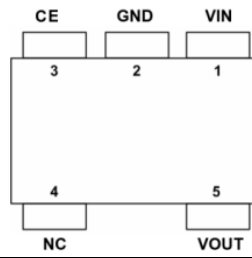
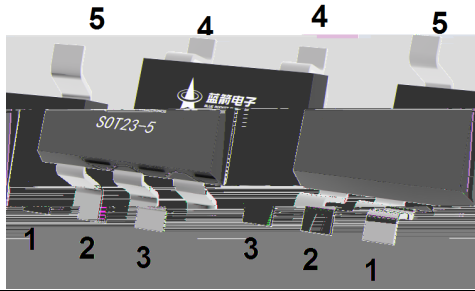
- ◆
- ◆
- ◆
- ◆
- ◆
- ◆
- ◆



BRCO2600MEQ

Rev.A Dec.-2023

/ Pinning



1	VIN		4	NC	
2	GND		5	VOUT	
3	CE				

& / Part Number & Marking

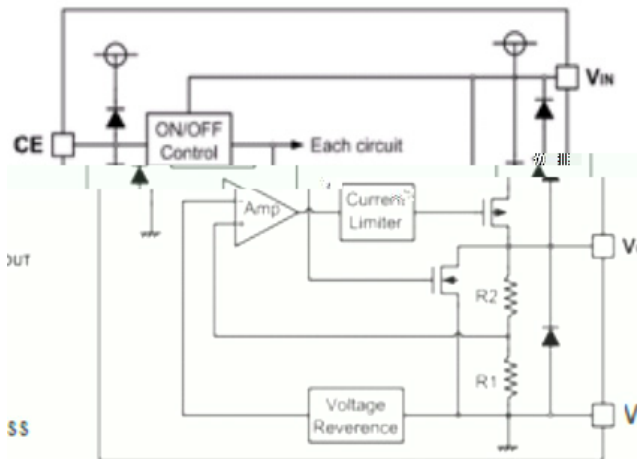
	(V)	
BRCO2600MEQ-1.2	1.2	
BRCO2600MEQ-1.5	1.5	
BRCO2600MEQ-1.8	1.8	
BRCO2600MEQ-2.5	2.5	
BRCO2600MEQ-2.8	2.8	
BRCO2600MEQ-3.0	3.0	
BRCO2600MEQ-3.3	3.3	

/ Absolute Maximum Ratings(Ta=25)

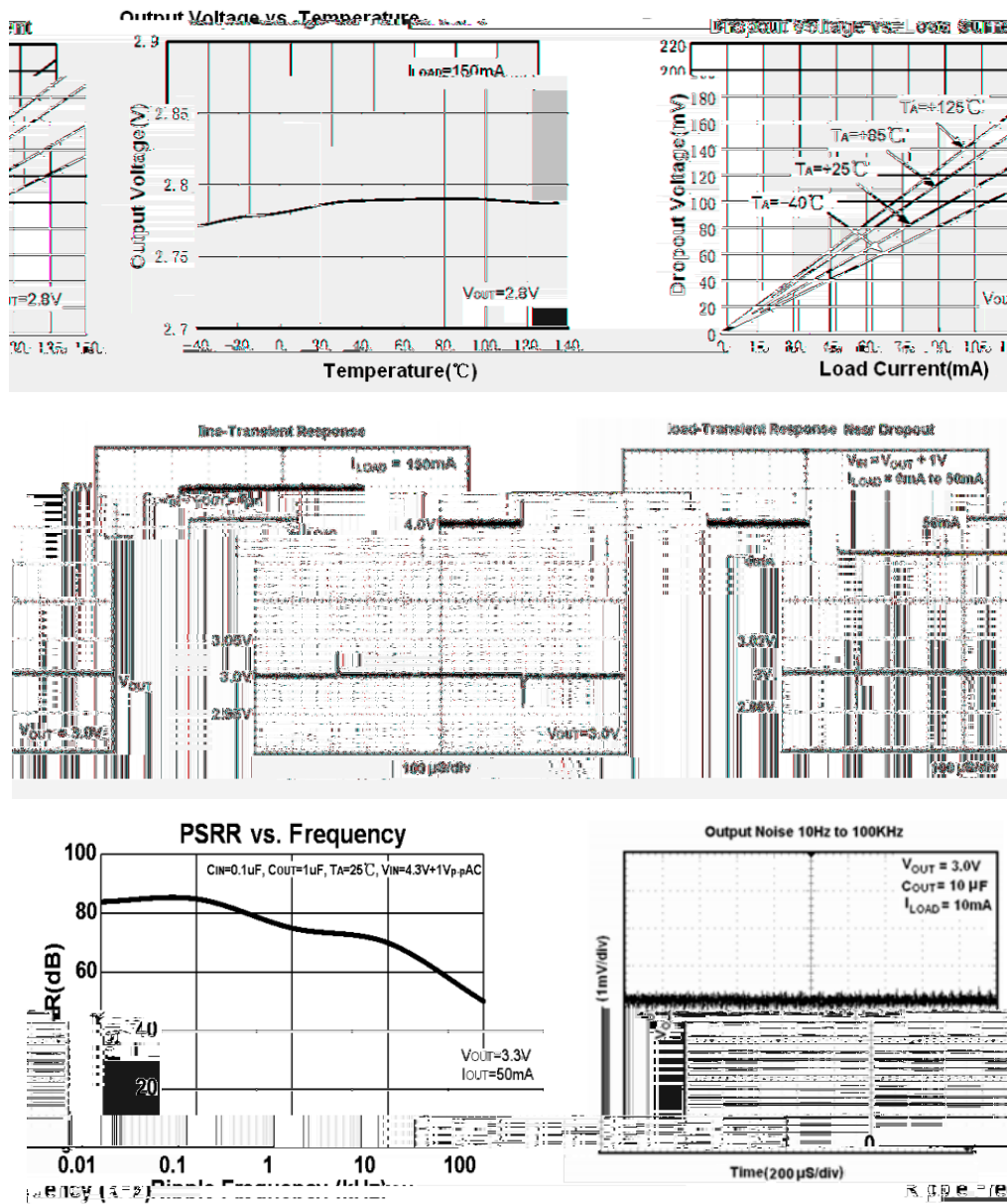
	V _{IN}	-0.3 to 7	V
	V _{OUT}	-0.3 to (V _{IN} +0.3)	V
	I _{OUT}	600	mA
	P _D	0.4	W
	T _{stg}	-65 to +150	°C
	T _A	-40 to +85	
10s	T _{sold}	260	°C

	V _{IN}		2.0		6.0	V

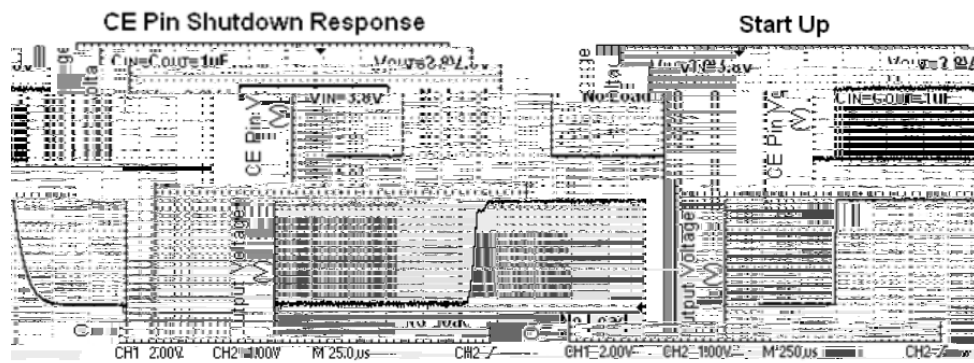
/ Functionl Block Diagram



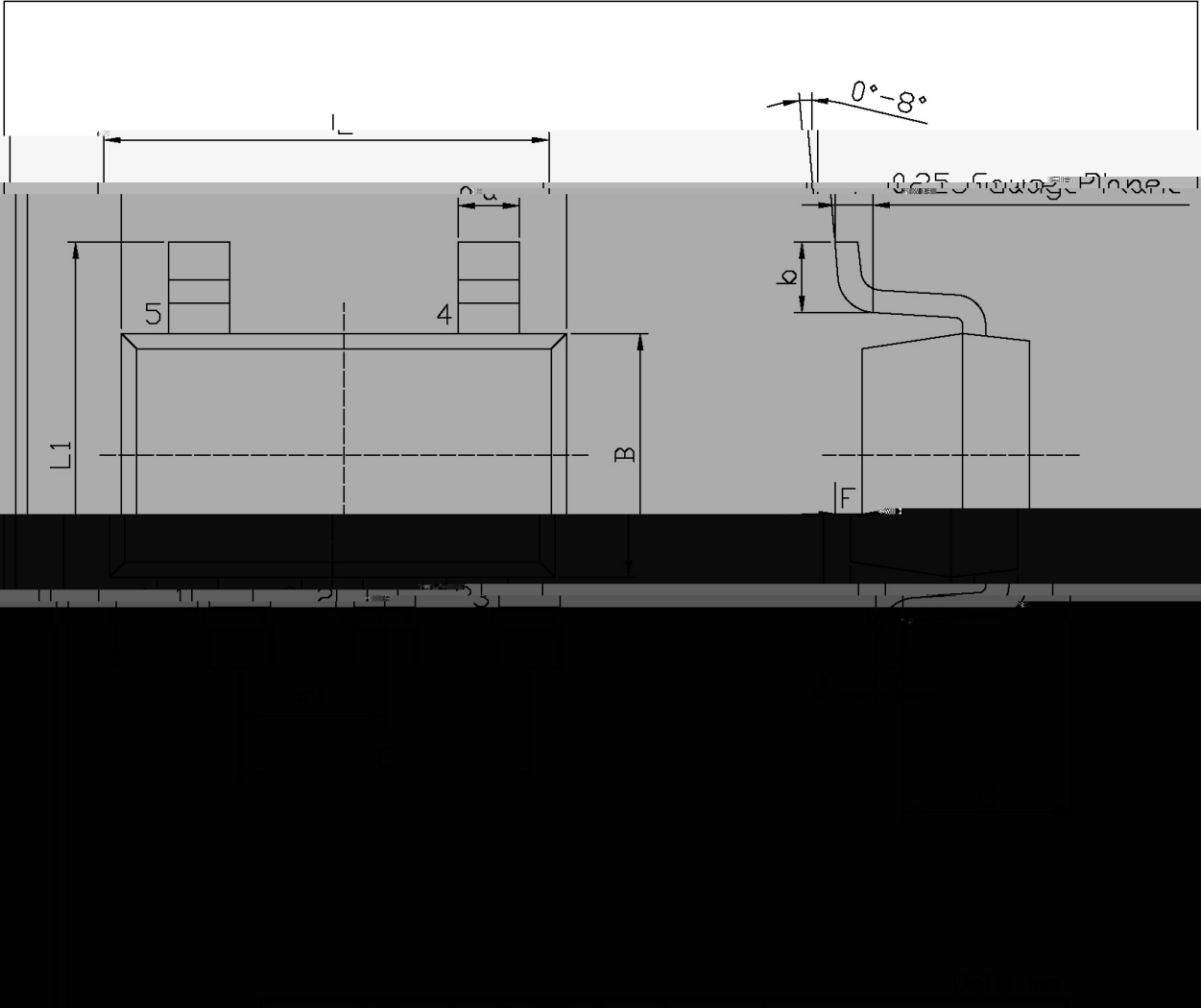
/ Electrical Characteristic Curve



/ Electrical Characteristic Curve

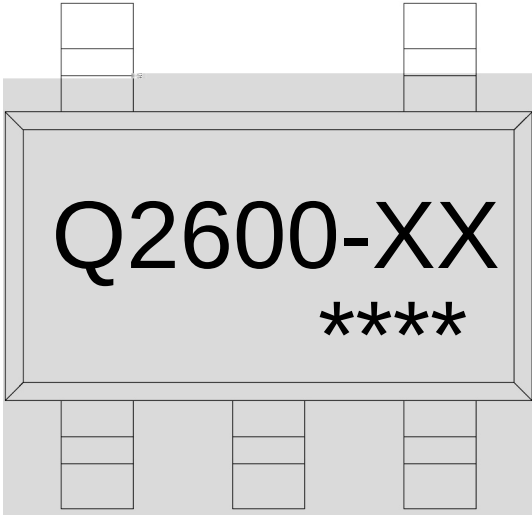


/ Package Dimensions



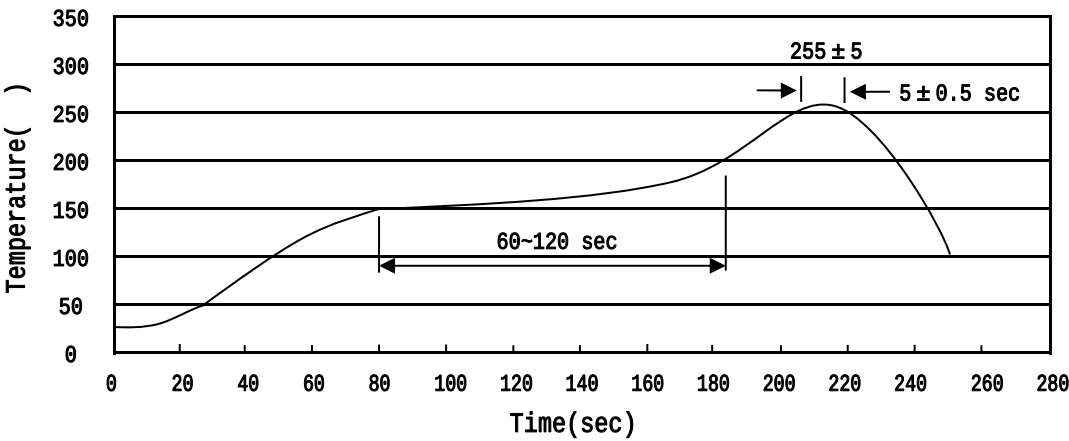
Dimensions in Millimeters			Dimensions in Millimeters		
Symbol	Min	Max	Symbol	Min	Max
L	2.82 ^{+0.05}	3.02	E1	0.85	1.05
B	1.50	1.70	a	0.35	0.50
C	0.90	1.30	c	0.10	0.20

/ Marking Instructions



BRCO2600MEQ-1.2	Q2600-12
BRCO2600MEQ-1.5	Q2600-15
BRCO2600MEQ-1.8	Q2600-18
BRCO2600MEQ-2.5	Q2600-25
BRCO2600MEQ-2.8	Q2600-28
BRCO2600MEQ-3.0	Q2600-30
BRCO2600MEQ-3.3	Q2600-33

() / Temperature Profile for IR Reflow Soldering(Pb-Free)



Note:

- 1

150 200

60 120sec;

1.Preheating:150~200 , Time:60~120sec.
- 2

255 5

5 0.5sec;

2.Peak Temp.:255 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)		
SOT23-5/6	3,000	10	30,000	4	120,000	7 ×8	210×205×205	445×435×230

/ Notices