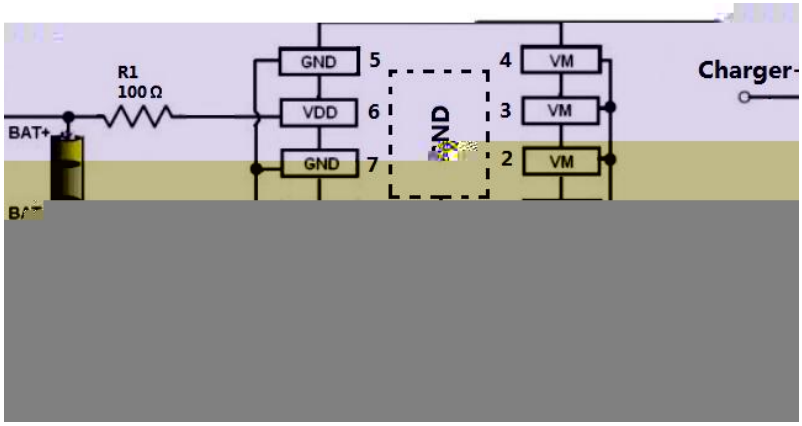
The BRCL3230SE series product is a high integration solution for lithium-lion/polymer battery protection.BRCL3230SE contains advanced power MOSFET, high-accuracy voltage detection circuits and delay circuits.
BRCL3230SE is put into an ultra-small ESOP-8 package makes it an ideal solution in limited space of battery pack.



Notes



Equivalent FET on Resistance						
Equivalent FET on Resistance	R_{DS}	V_{dd}=3.6V I_{VM}=1A		23	30	mΩ

Over temperature protection

/ Functional Description

he The BRCL3230SE monitors the voltage and current of a battery and protects g

/ Overcharge Condition

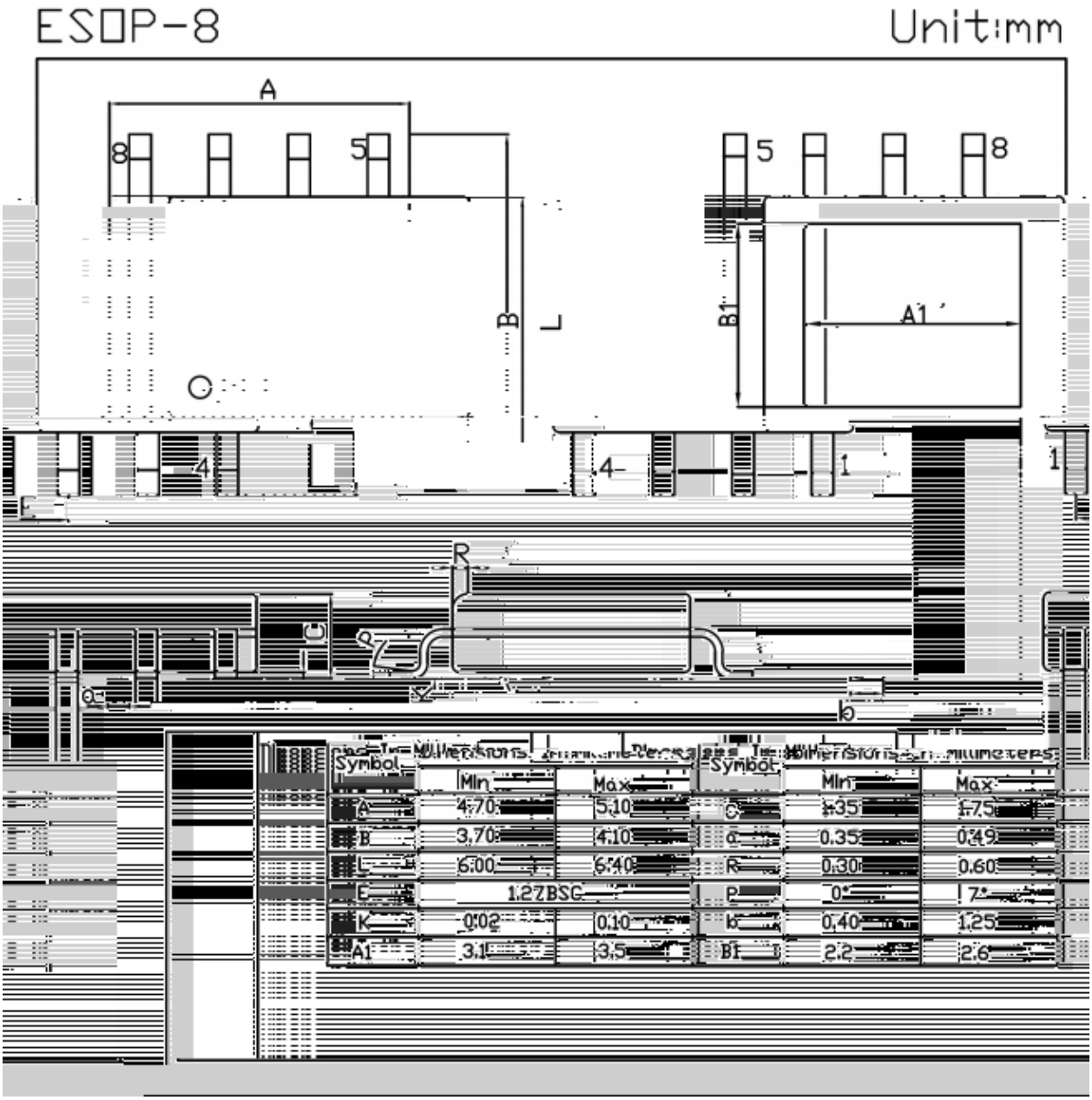
The BRCL3230SE detects this voltage and releases the overcharge condition. Consequently, in the

0V /

/ Timing Chart

/Overcharge And Overdischarge Detection

/ Package Dimensions



Symbol	Dimensions In Millimeters		Symbol	Dimensions In Millimeters	
	Min	Max		Min	Max
A	4.70	5.10	c	1.35	1.75
B	3.70	4.10	c1	0.35	0.49
L	6.00	6.40	R	0.30	0.60
E	1.27BSC		θ	0°	7°
K	0.02	0.10	b	0.40	1.25
A1	3.1	3.5	B1	2.2	2.6

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



		Note:
1	Rem 150 180 ü 0y p60 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.