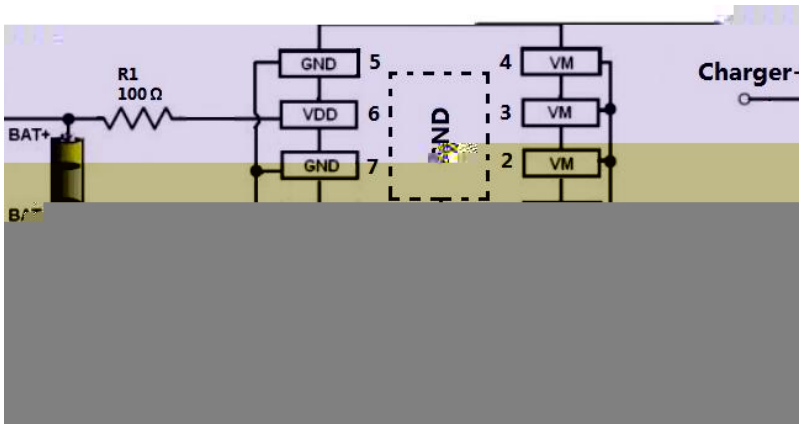
The BRCL3230SE series product is a high integration solution for lithium-lion/polymer battery protection.BRCL3230SE contains advanced power MOSFET, high-accuracy voltage detection circuits and delay circuits.
BRCL3230SE is put into an ultra-small ESOP-8 package makes it an ideal solution in limited space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



Notes

p

/Parameter	/Symbol	/Value

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

Over temperature protection

/ Functional Description

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

/ Overcharge Condition

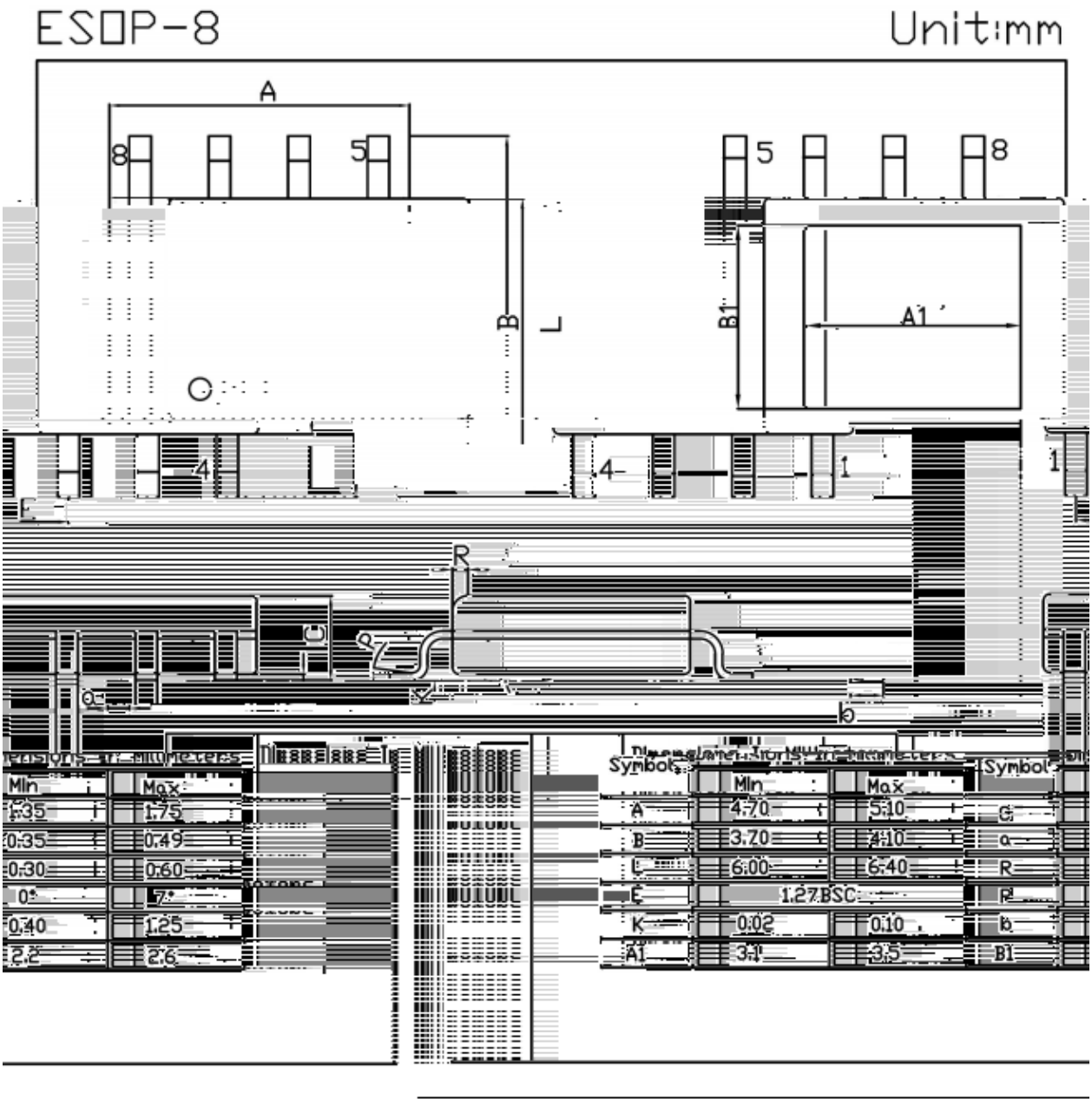
The BRCL3230SE detects this voltage and releases the overcharge condition. Consequently, in the

0V /

/ Timing Chart

/Overcharge And Overdischarge Detection

/ Package Dimensions



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

		Note:
1	Rem150 180 ű 0y 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.