

BRCL3230EME

Rev.A Apr.-2021



DATA SHEET

BRCL3230EME /

BRCL3230EME

MOSFET

BRCL3230EME SOT23-5

BRCL3230EME

The BRCL3230EME series product is a high integration solution for lithium-ion/polymer battery protection. BRCL3230EME contains advanced power MOSFET, high-accuracy voltage detection circuits and delay circuits.

BRCL3230EME is put into an ultra-small SOT23-5 package makes it an ideal solution in limited space



(1)

(2)

Notes

/Parameter	/Symbol	/Value	/Unit
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Equivalent FET on Resistance

/ Overcharge Condition

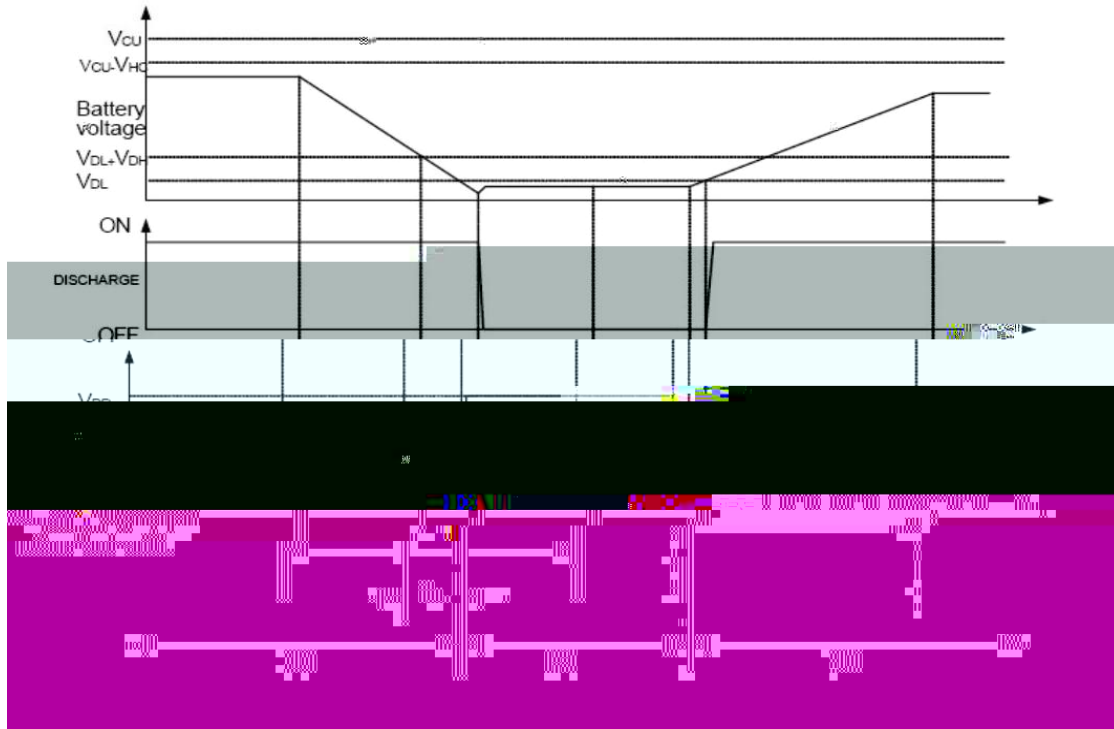
The BRCL3230EME detects this voltage and releases the overcharge condition. Consequently, in the case that the battery voltage is equal to or lower than the overcharge3er tha14.1(s/TT.4(a)6.76 equa(VCU),TJ-3

BRCL3230EME

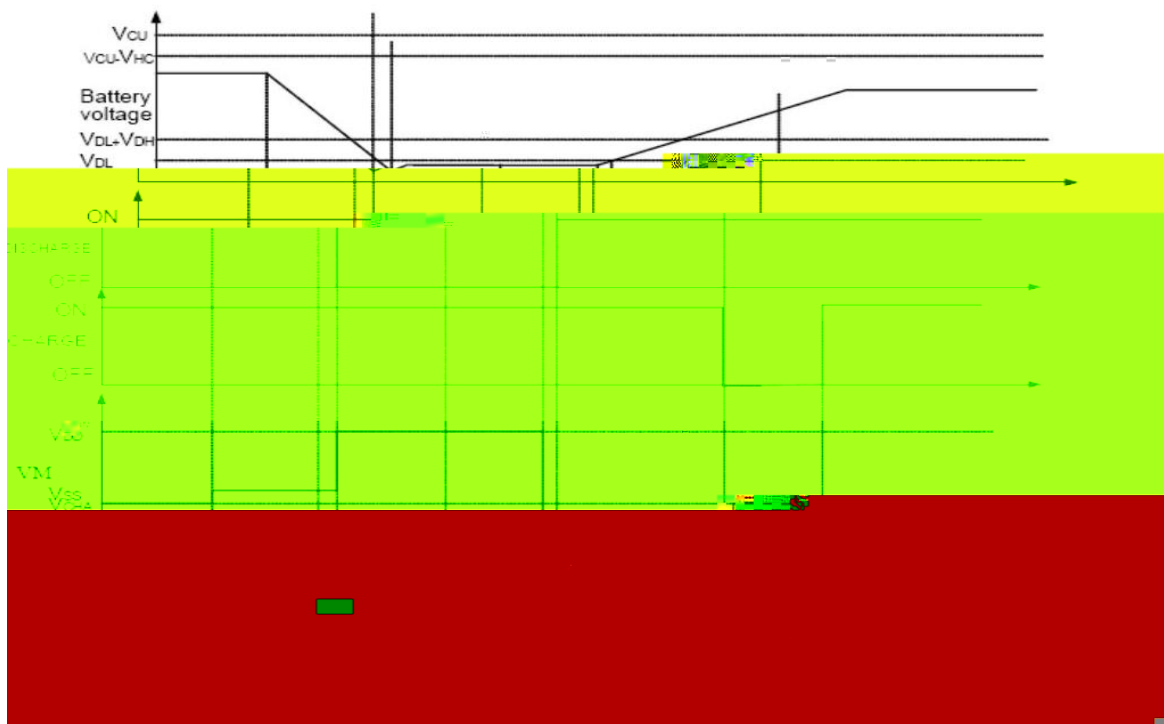
0V / 0V Battery Charging Function

/ Timing Chart

/Charger Detection



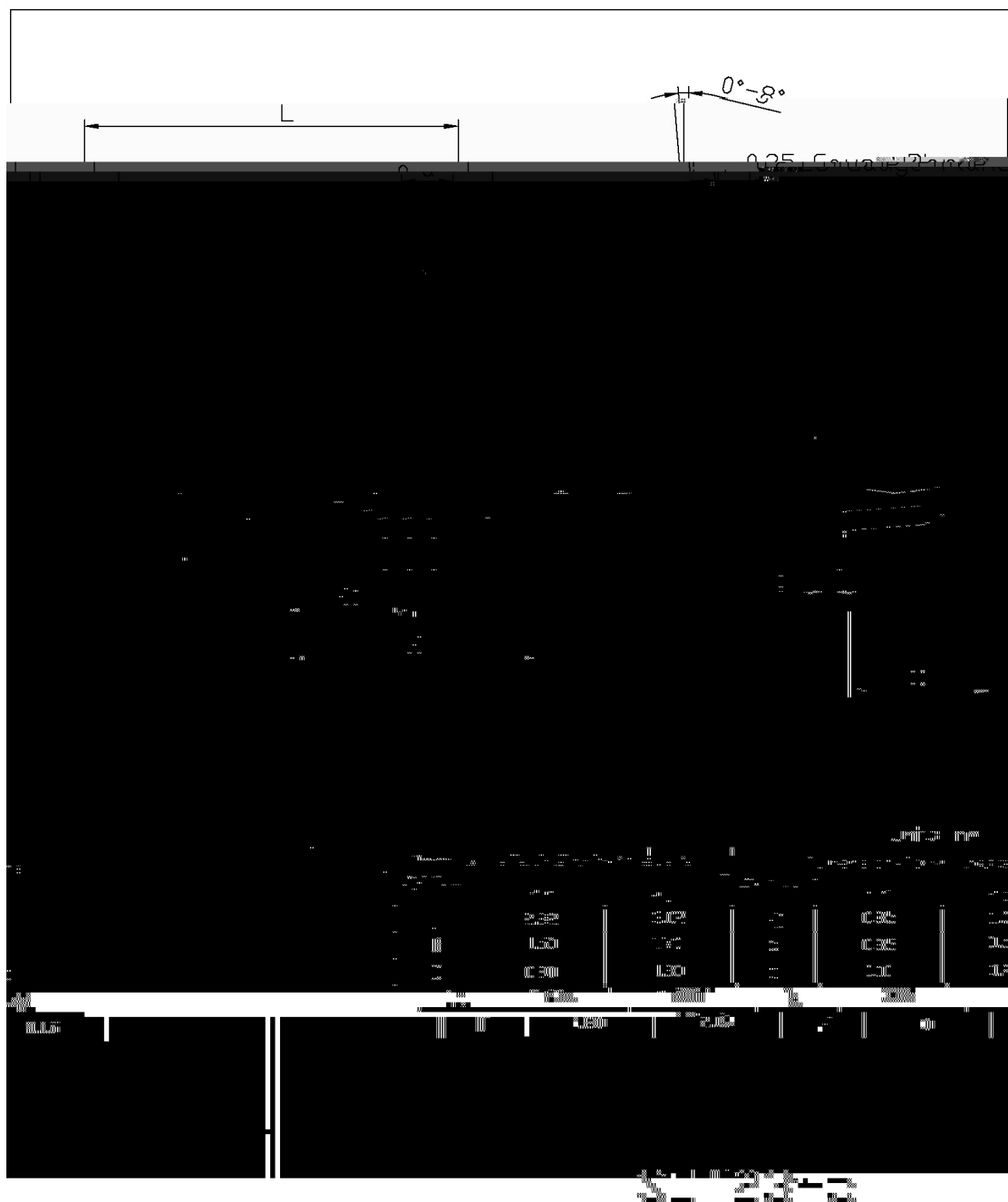
/Abnormal Charge Detection



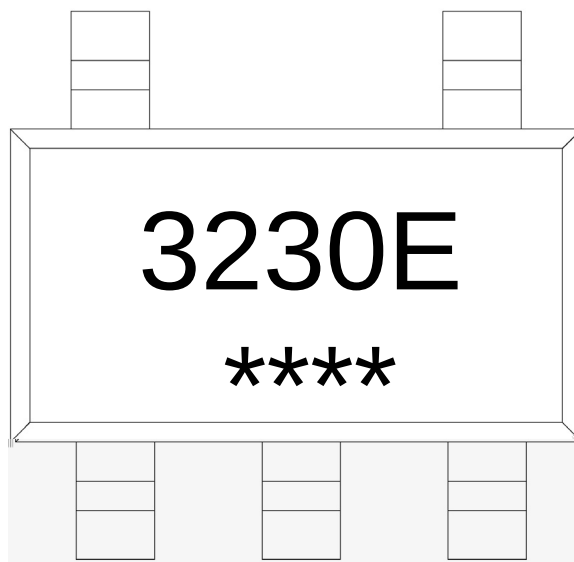
Notes: (1) Normal condition (2) Overcharge voltage condition (3) Overdischarge voltage condition (4) Overcurrent condition



/ Package Dimensions



/ Marking Instructions



3230E

Note:

3230E: Product Type.

****: Lot No. Code, code change with Lot No.

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