

|   | ! " #      | \$ ! % & ' | ! ( ) % * +         | , -   | . / |
|---|------------|------------|---------------------|-------|-----|
| A | 2019/10/18 | ALL        | 0 1 DFN2×2-6L 2 3 4 |       |     |
| B | 2020/11/4  | 1 5 2      | 6 7 8 9 : ; < = > ? | @ A B |     |

# BRCL3230BZF

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DATA SHEET

BRCL3230BZF /

BRCL3230BZF

MOSFET

BRCL3230BZF DFN2×2-6L

BRCL3230BZF

The BRCL3230BZF series product is a high integration solution for lithium-ion/polymer battery protection. BRCL3230BZF contains advanced power MOSFET, high-accuracy voltage detection circuits and delay circuits.

BRCL3230BZF is put into an ultra-small DFN2×2-6L package makes it an ideal solution in limited

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/Parameter

/Symbol

/Value

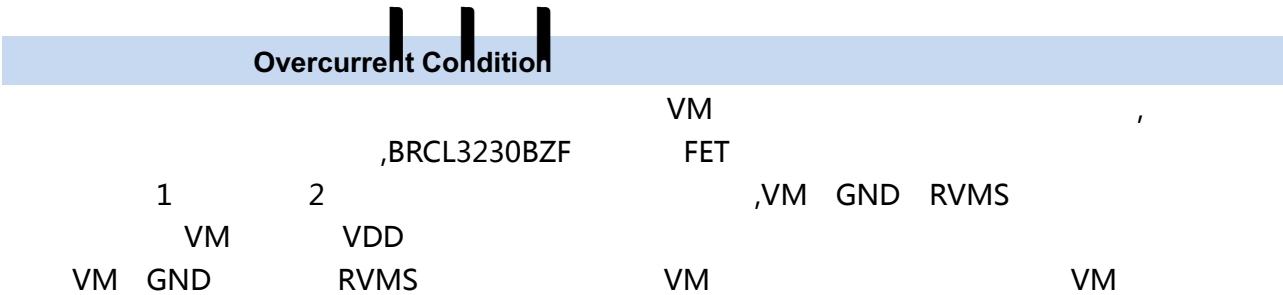


| Equivalent FET on Resistance     |          |                          |     |     |     |    |
|----------------------------------|----------|--------------------------|-----|-----|-----|----|
| Equivalent FET on Resistance     | $R_{DS}$ | $V_{dd}=3.6V, I_{VM}=1A$ | 15  | 25  | 40  | mΩ |
| Over temperature protection      |          |                          |     |     |     |    |
| Over Temperature Protection      | OTP      |                          | 125 | 140 | 155 | °C |
| Over Temperature Recovery Degree | OTPR     |                          | 100 | 115 | 130 | °C |

**Delay time**



**BRCL3230BZF**



1

When the discharging current becomes equal to or higher than a specified value (the VM pin voltage is equal to or higher than the overcurrent detection voltage) during discharging under normal condition and the state continues for the overcurrent detection delay time or longer, the BRCL3230BZF turns off



0V Battery Charging Function

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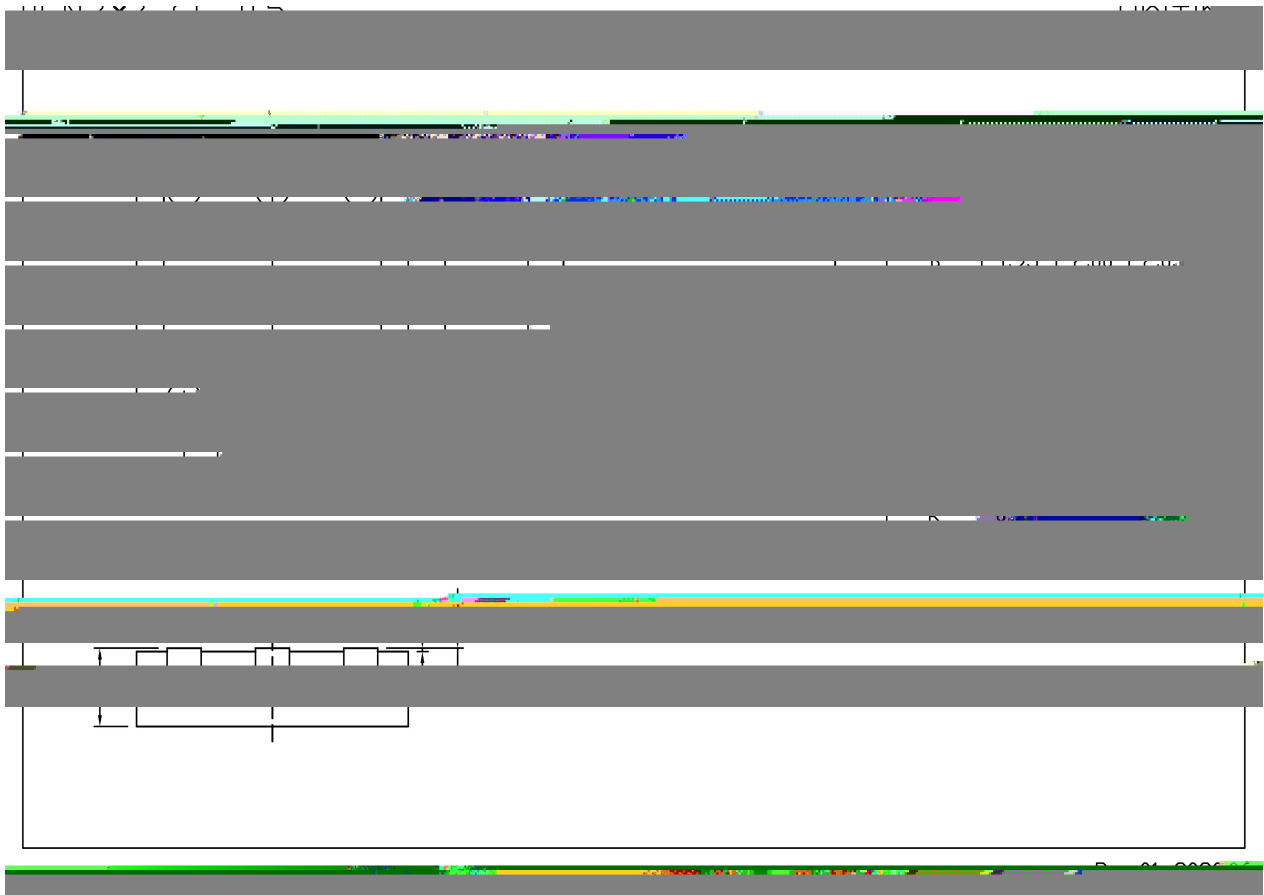
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/ Package Dimensions



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