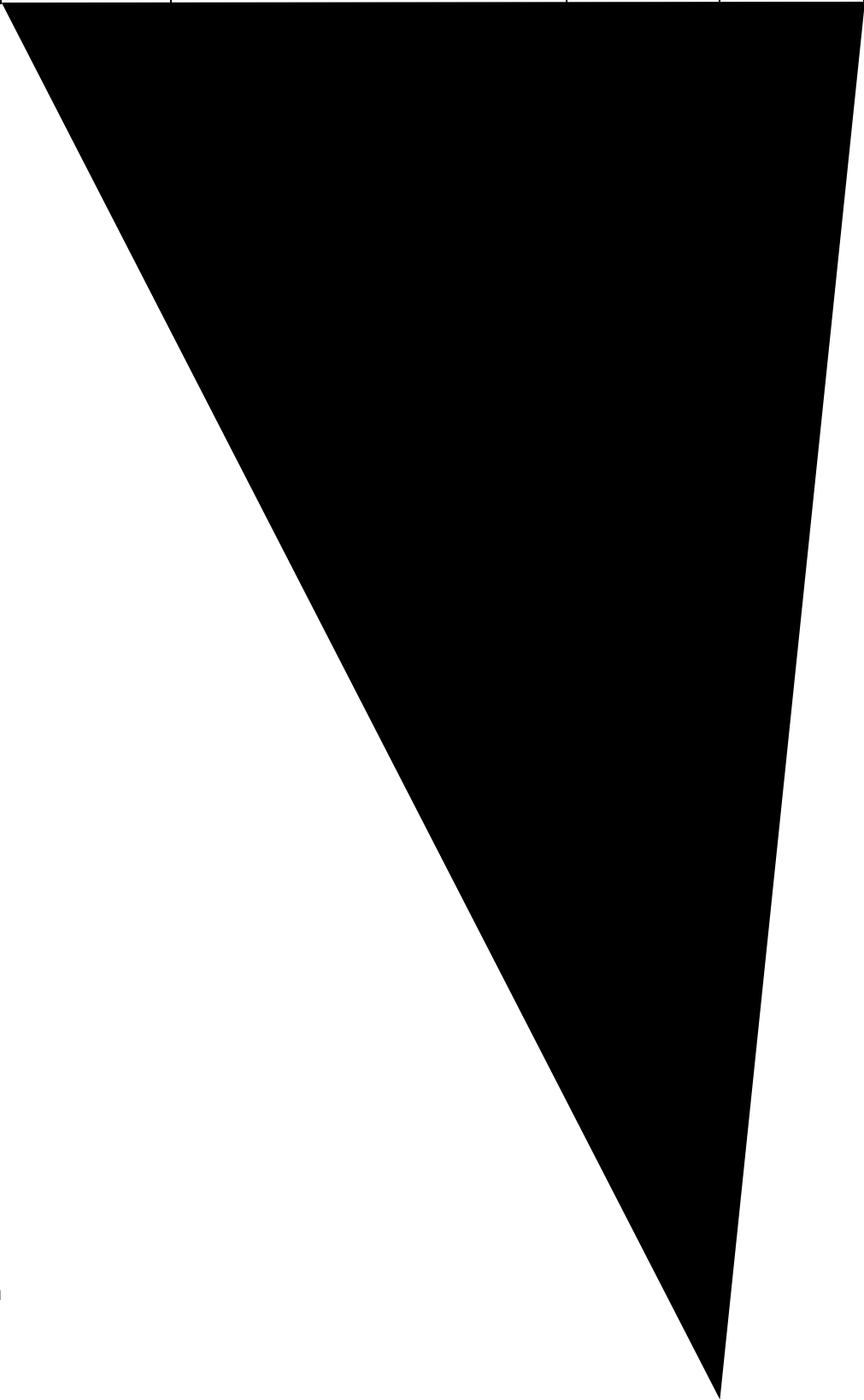




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A	2019/10/18	ALL	\$ % DFN2×2-6L & ' (		
B	2020/11/4	1) 2	° * + , - . / 0 ~ 1 2 3	4 5 6	



# BRCL3230BZF

Rev.B Nov.-2020



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





/Parameter

/Symbol

/Value

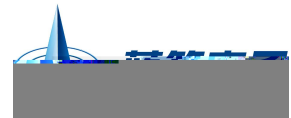


<b>Equivalent FET on Resistance</b>						
Equivalent FET on Resistance	$R_{DS}$	$V_{dd}=3.6V, I_{VM}=1A$	15	25	40	m
<b>Over temperature protection</b>						
Over Temperature Protection	OTP		125	140	155	°C
Over Temperature Recovery Degree	OTPR		100	115	130	°C

**Delay time**



**BRCL3230BZF**



**Overcurrent Condition**

				VM		
			,BRCL3230BZF	FET		,
1		2			,VM	GND RVMS
	VM		VDD			
VM	GND		RVMS	VM		VM

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 offP



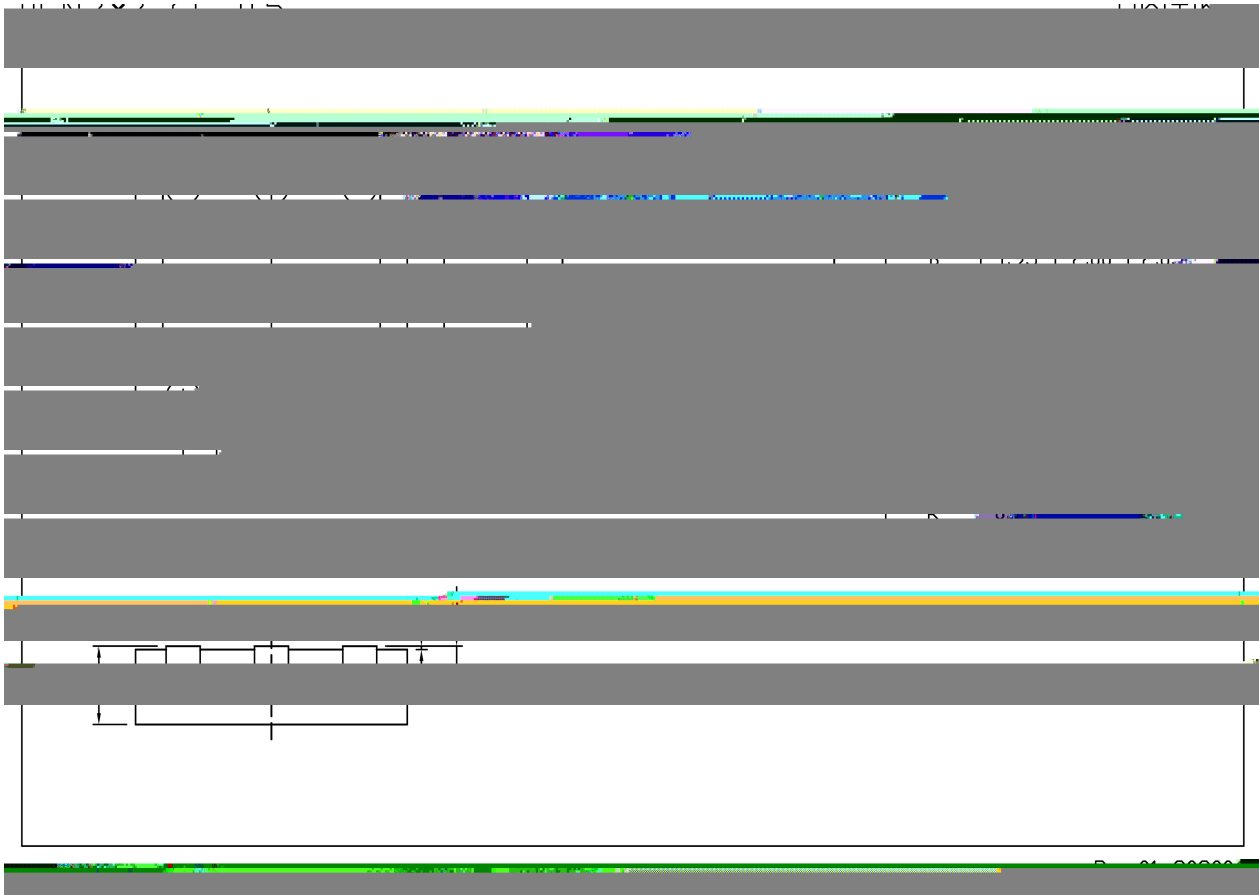
**0V Battery Charging Function**







/ Package Dimensions





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**BRCL3230BZF**

Rev.B Nov.-