

/ Descriptions

BRCL3230DZN / BRCL3230DZN

MOSFET

BRCL3230DZN DFN1×1-4L

BRCL3230DZN

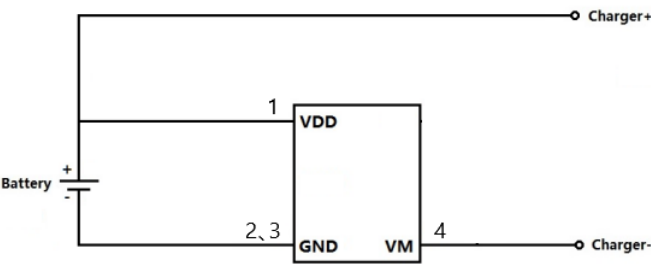
x

/ Features

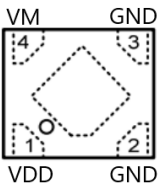
- ◆ 60mΩ MOSFET
- ◆ RC
- ◆ DFN1×1-4L
- ◆ 0V
- ◆ 2.5uA <0.1uA;
- ◆ Ω
- ◆ ×
- ◆
- ◆ μ
- ◆
- ◆

/ Applications

/ Typical Application



/ Pinning



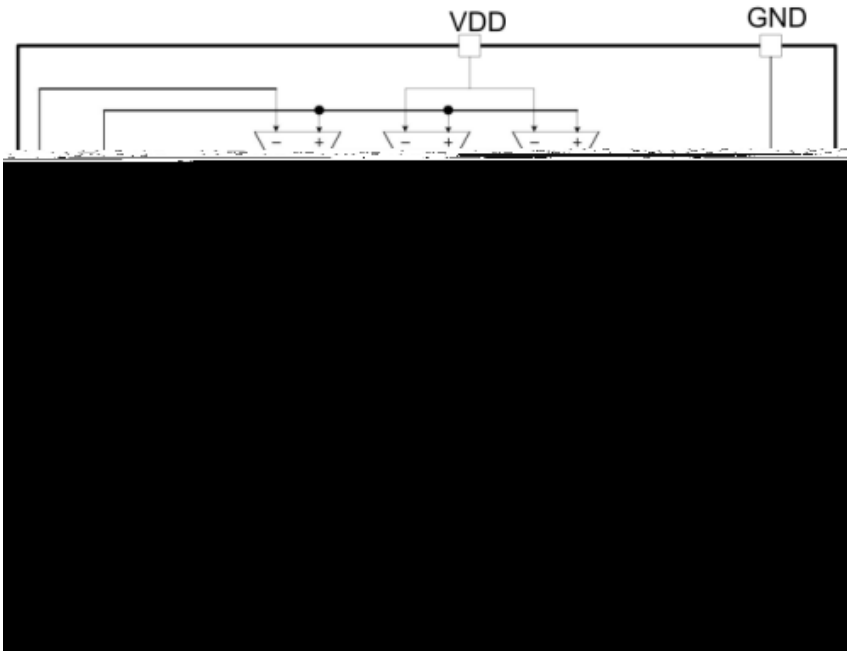
Pin Number	Pin Name	Pin Description
1		
2 3		
4		

/ Marking

/ Absolute Maximum Ratings(Ta=25)

			℃
			℃
	θ		℃

FunctionI Block Diagram



Functional Description

BRCL3230DZN

MOSFET

60mΩ

Ω

Normal Operating mode

Overcharge Condition

 Ω

Overdischarge Condition

TDL
 BRCL3230DZN
 FET
 VM
 IPDN
 RVMD
 VDL
 ,
 VM
 VDD
 RVMD
 VM
 VDD
 VCHA
 ,
 VDR

Overcurrent Condition

VM
 ,BRCL3230DZN
 FET
 ,VM
 GND
 RVMS
 VM
 VM
 1
 VDD
 VM
 GND
 RVMS
 VM
 VM

Abnormal Charge Current Detection

VM		I _{locc}		
BRCL3230DZN	FET			
VM GND		(VCHA)	0V	0V

Load Short-circuiting Condition

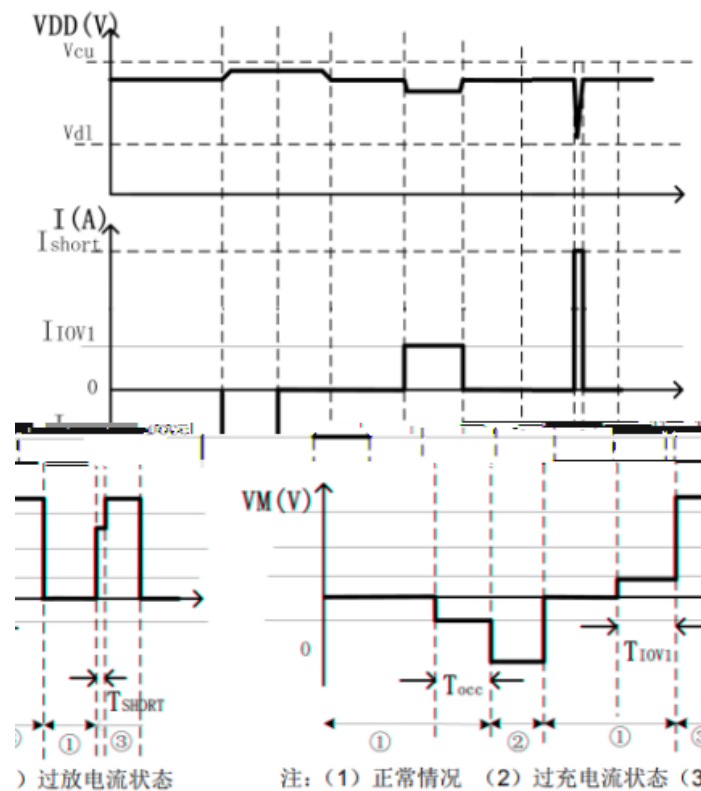
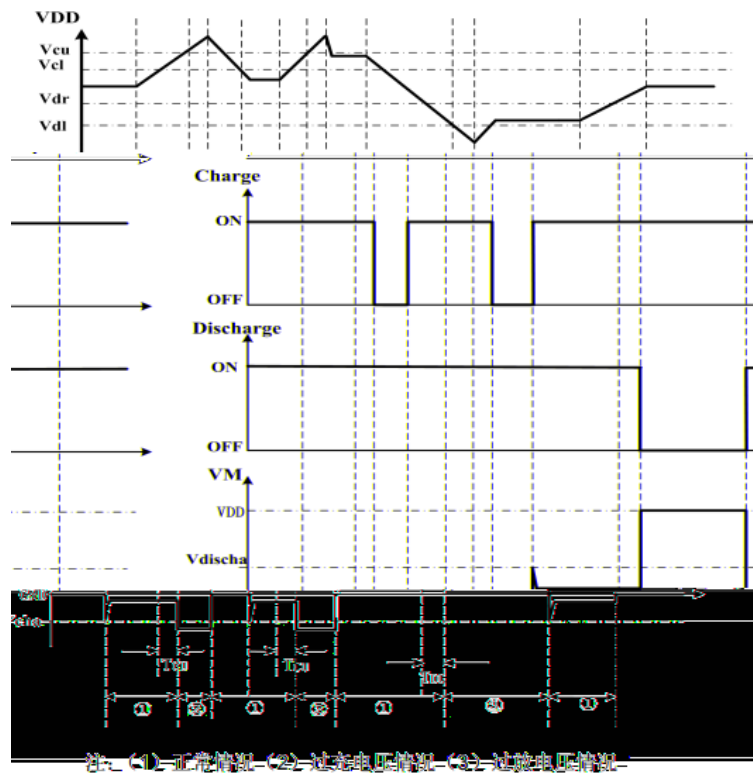
VM	VSHORT		tSHORT
BRCL3230DZN	VM	VSHORT	

0V Battery Charging Function

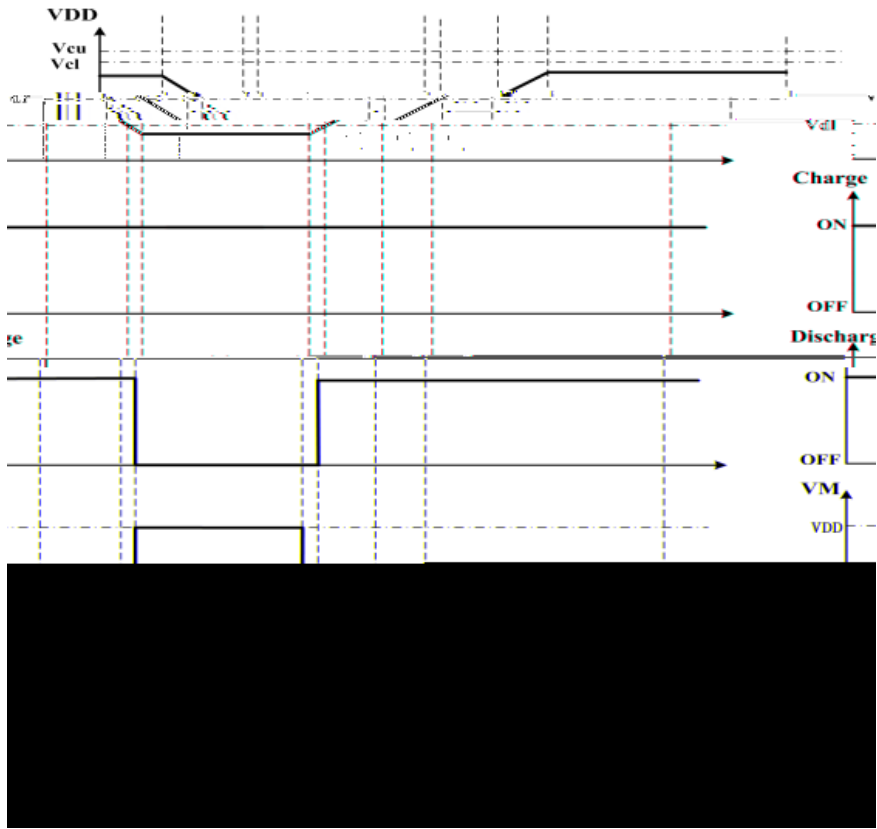
	0V	VDL	IC				
(1)							
(2)	“	“	0V	”	“	0V	”
	IC					VDL	0V
(3)	VM	GND	VM GND				

battery and
condition

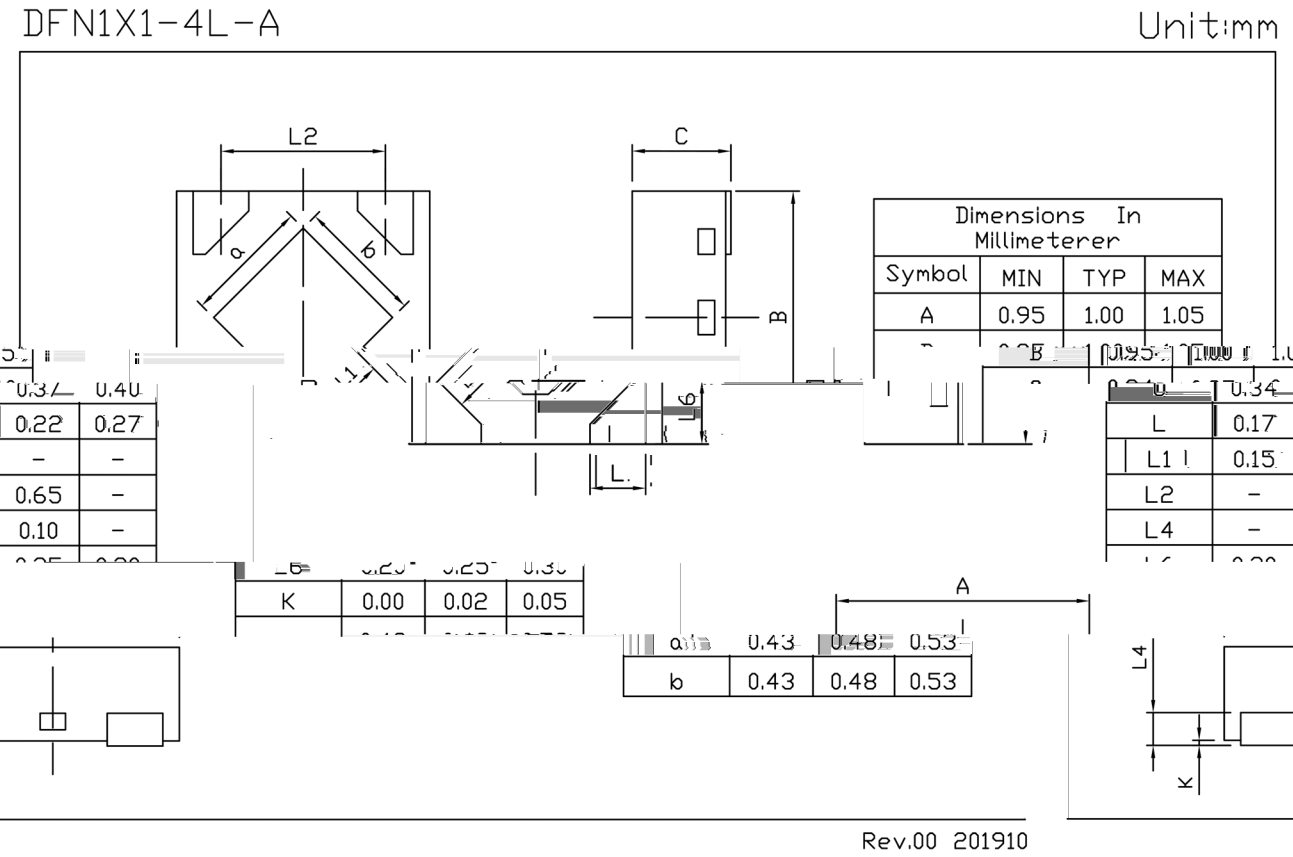
Timing Chart



Timing Chart



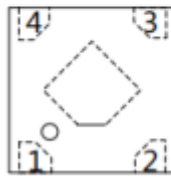
/ Package Dimensions



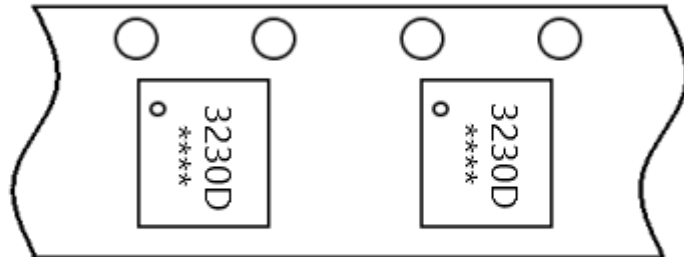
/ Marking Instructions



正面俯视图



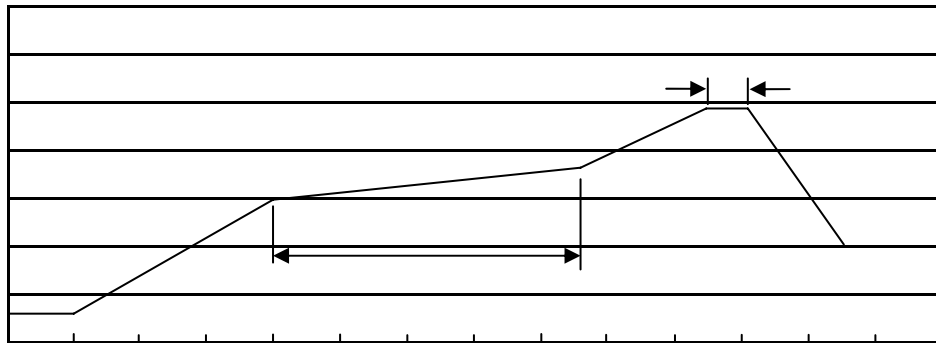
正面透视图



编带示意图

3230D

() /

 $\pm$ $\pm$ $\pm$ $\pm$

/ Resistance to Soldering Heat Test Conditions

 $\pm$ $\pm$ $\pm$ $\pm$

/ Packaging SPEC.

Package Type	Units					Dimension (unit mm ³)		
	Units/Reel /	Reels/Inner Box /	Units/Inner Box /	Inner Boxes/Outer Box /	Units/Outer Box /	Reel 7 × 8	Inner Box 210×205×205	Outer Box 445×230×435
DFN1×1-4L/6L	10,000	10	100,000	4	400,000	7 × 8	210×205×205	445×230×435

/ Notices