

/ Descriptions

BRCL3230DZN / BRCL3230DZN

MOSFET

BRCL3230DZN DFN1×1-4L

BRCL3230DZN

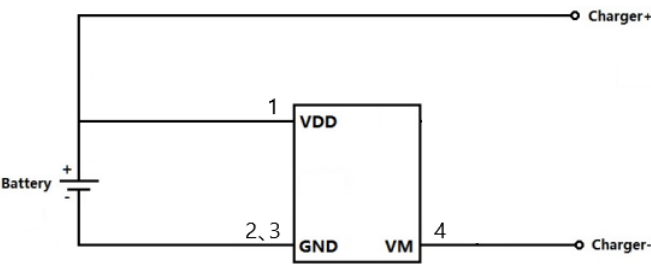
x

/ Features

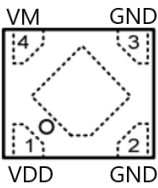
- ◆ 60mΩ MOSFET
- ◆ RC
- ◆ DFN1×1-4L
- ◆ 0V
- ◆ 2.5uA <0.1uA;
- ◆ Ω
- ◆ ×
- ◆
- ◆ μ
- ◆
- ◆

/ Applications

/ Typical Application



/ Pinning

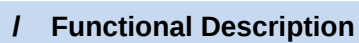


Pin Number	Pin Name	Pin Description
1		
2 3		
4		

/ Marking

/ Absolute Maximum Ratings(Ta=25)

			℃
			℃
	θ		℃

 Ω

/ Normal Operating mode

Ω

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

VM
FET
1
VM GND RVMS
VM VDD
VM GND RVMS
*M
30D

/ Abnormal Charge Current Detection

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

/ Load Short-circuiting Condition

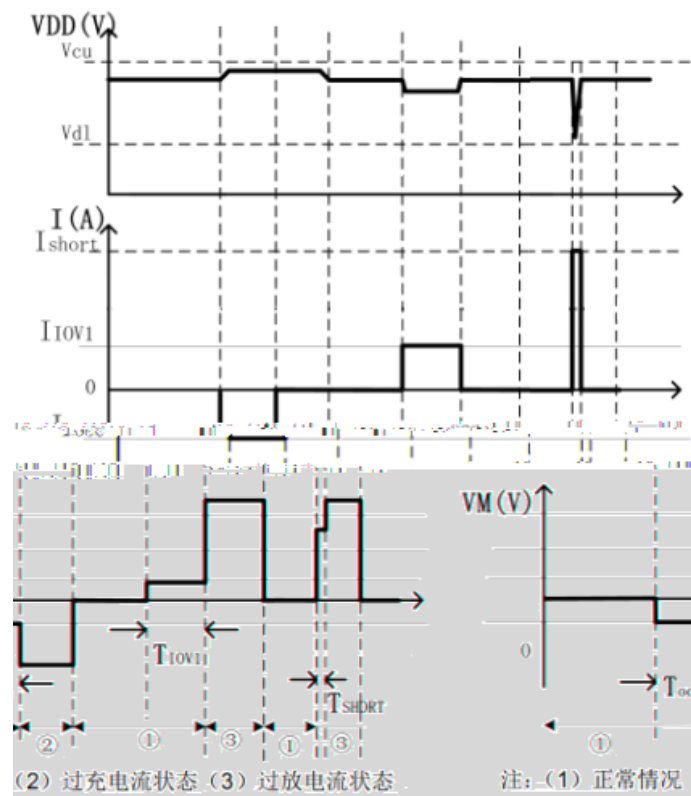
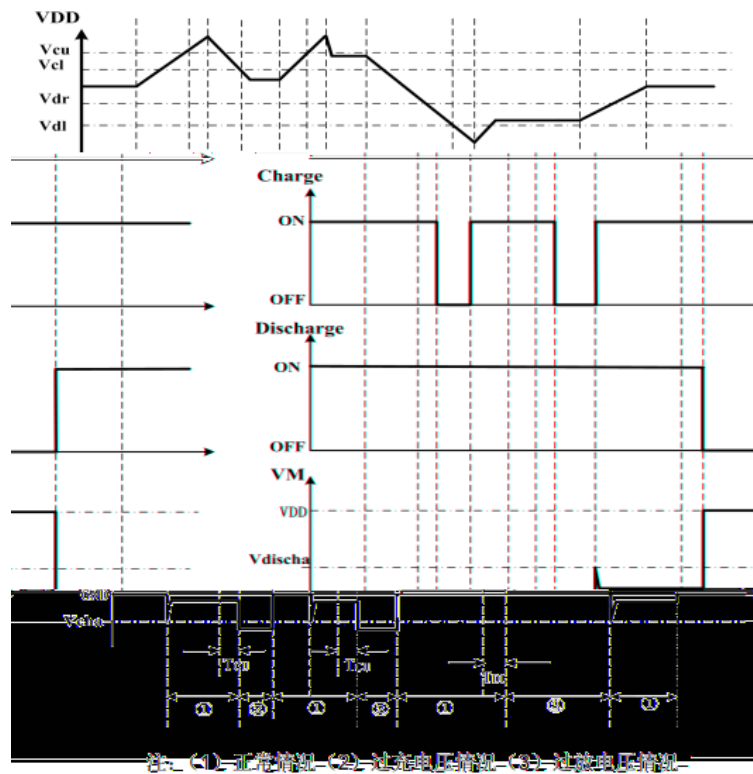
VM	VSHORT		tSHORT
BRCL3230DZN	VM	VSHORT	

0V / 0V Battery Charging Function

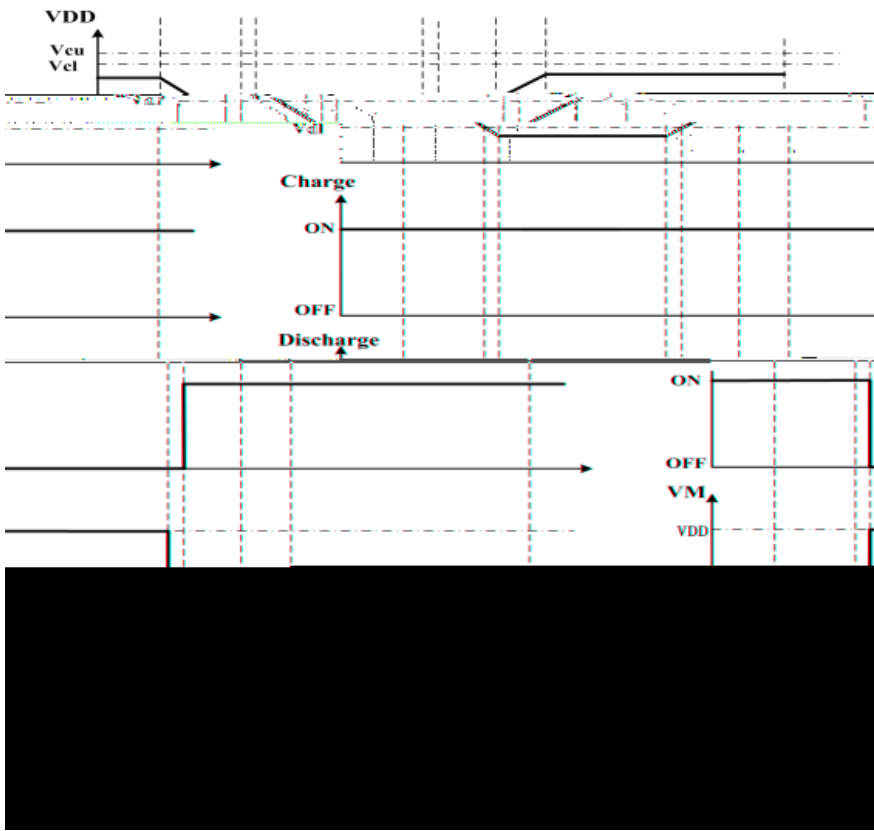
		0V	VDL	IC				
(1)								
(2)	“	0V	“	0V	”	“	0V	”
	IC		”	“	”	’	“	0V
							VDL	”
(3)								
	VM	GND	VM	GND				

battery and
condition

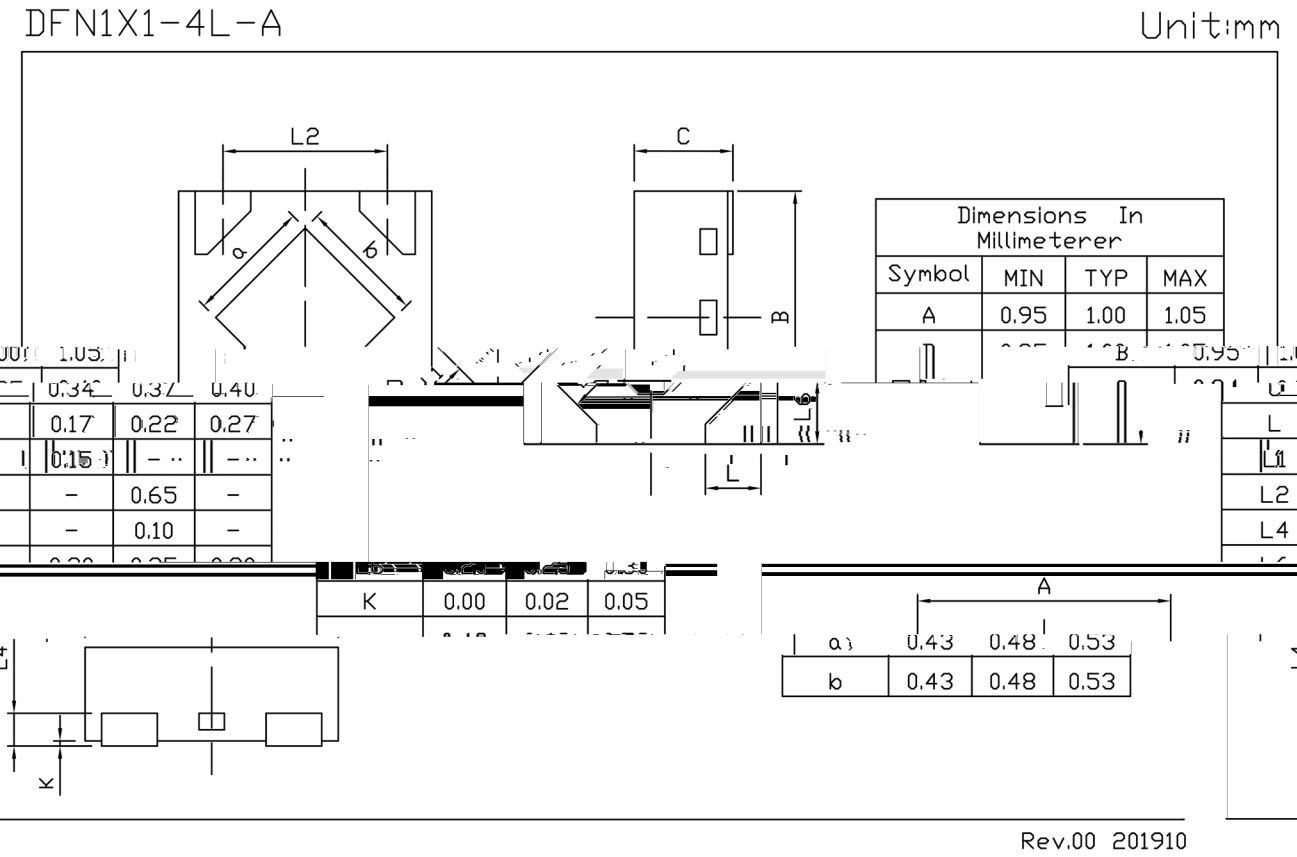
/ Timing Chart



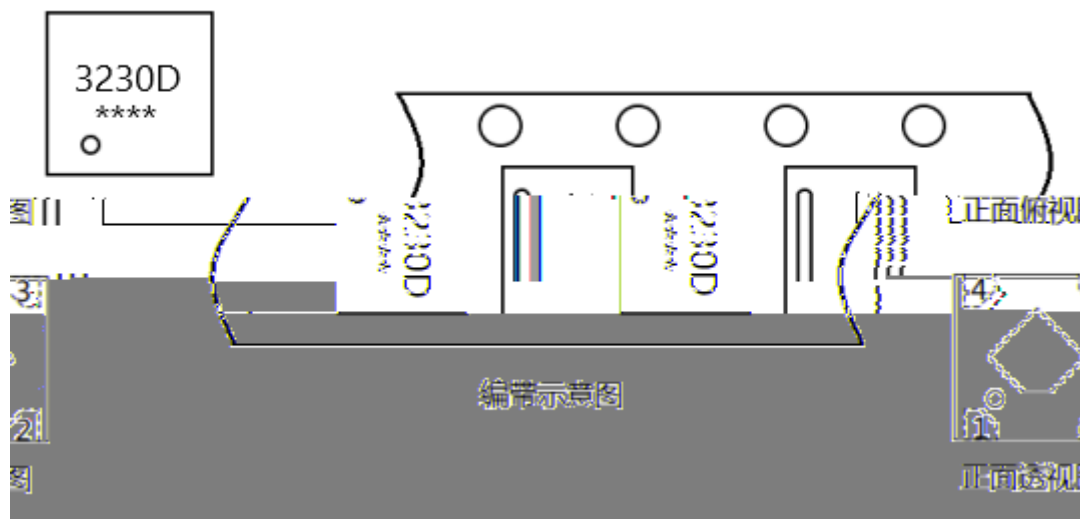
/ Timing Chart



/ Package Dimensions

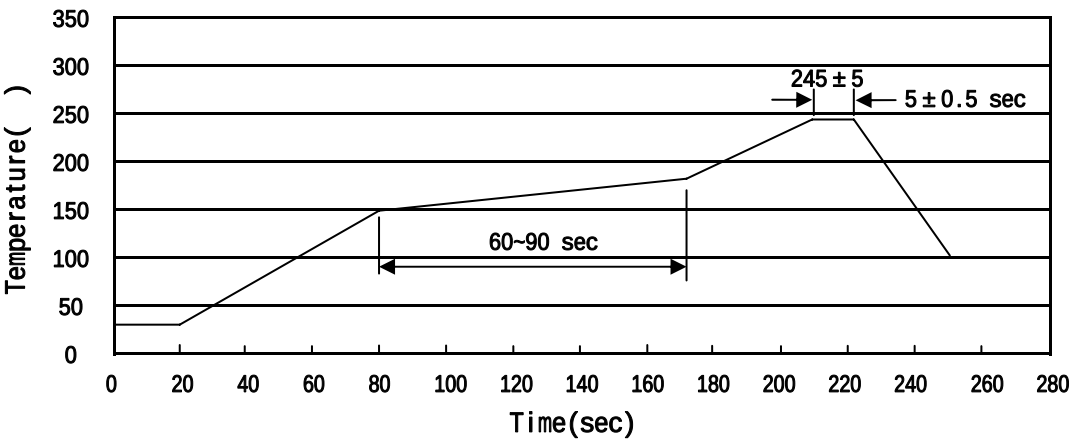


/ Marking Instructions



3230D

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



± ± ± ±

/ Resistance to Soldering Heat Test Conditions

± ± ± ±

/ 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	Inner Box	Outer Box
DFN1×1-4L/6L	10,000	10	100,000	4	400,000	7 × 8	210×205×205	445×230×435

/ Notices