

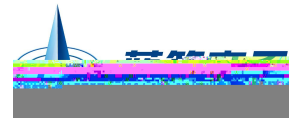
/ Descriptions

BRCL3230ME / BRCL3230ME
 MOSFET
 BRCL3230ME SOT23-5
 BRCL3230ME

/ Features

- ◆ 45m MOSFET
- ◆ SOT23-5
- ◆ RC
- ◆
- ◆
- ◆ 2 1 2
- ◆ OV
- ◆ 2.8uA, 1.6uA;
- ◆
- ◆
- ◆
- ◆
- ◆
- ◆
- ◆ ;
- ◆
- ◆
- ◆
- ◆

/ Applications



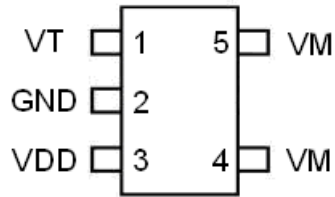
/ Typical Application



- (1)
- (2)
- (3)

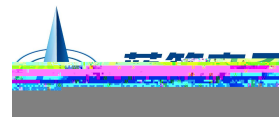
:

/ Pinning



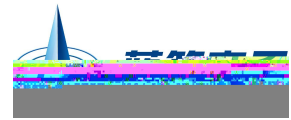
Pin Number	Pin Name	Pin Description
1		
2		
3		
4 5		

/ Marking

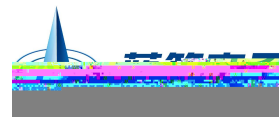


			°C
			°C
			°C
			°C
			°C
			°C

Detection voltage						



Equivalent FET on Resistance						
		,				
Over temperature protection						
						°C
						°C
Delay time						

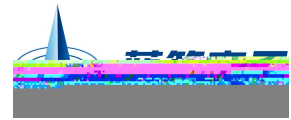


Functional Description

BRCL3230ME

MOSFET

45m



Overcurrent Condition

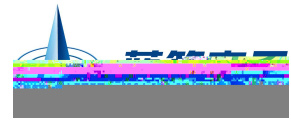
VM
 ,BRCL3230ME FET
 1 2 ,VM GND RVMS
 VM VDD
 VM GND RVMS VM VM
 1

Abnormal Charge Current Detection

VM (VCHA)
 (TCU) BRCL3230ME FET
 VM GND (VCHA) OV
 OV

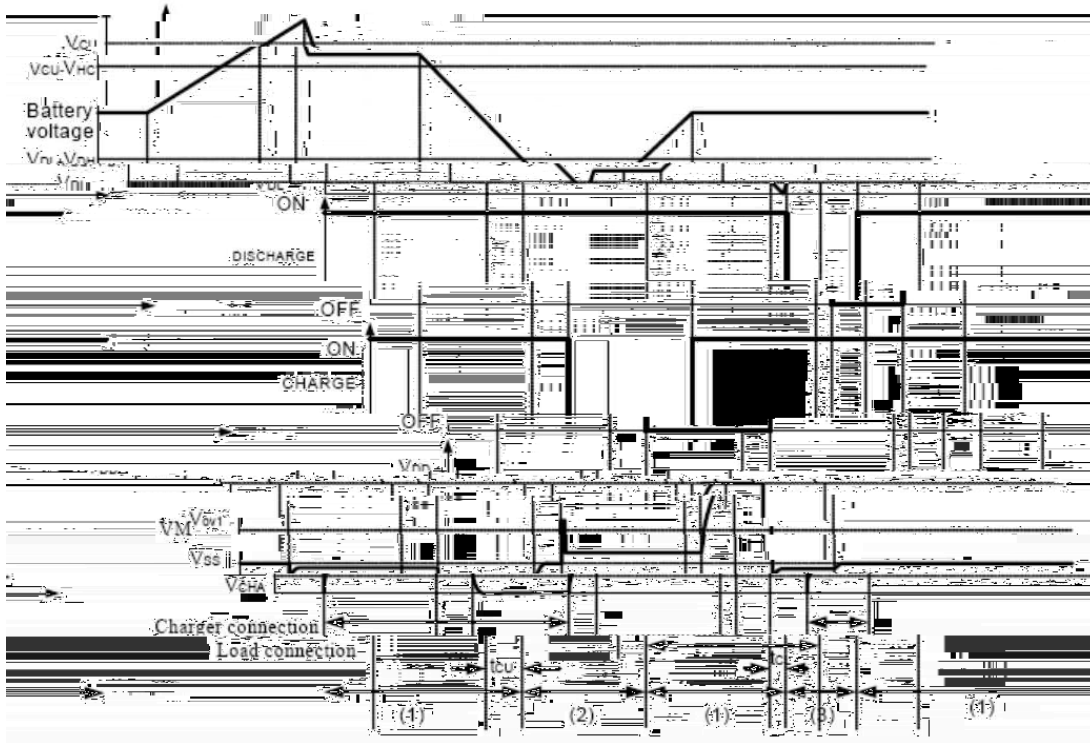
Load Short-circuiting Condition

VM VSHORT tSHORT
 BRCL3230ME VM VSHORT

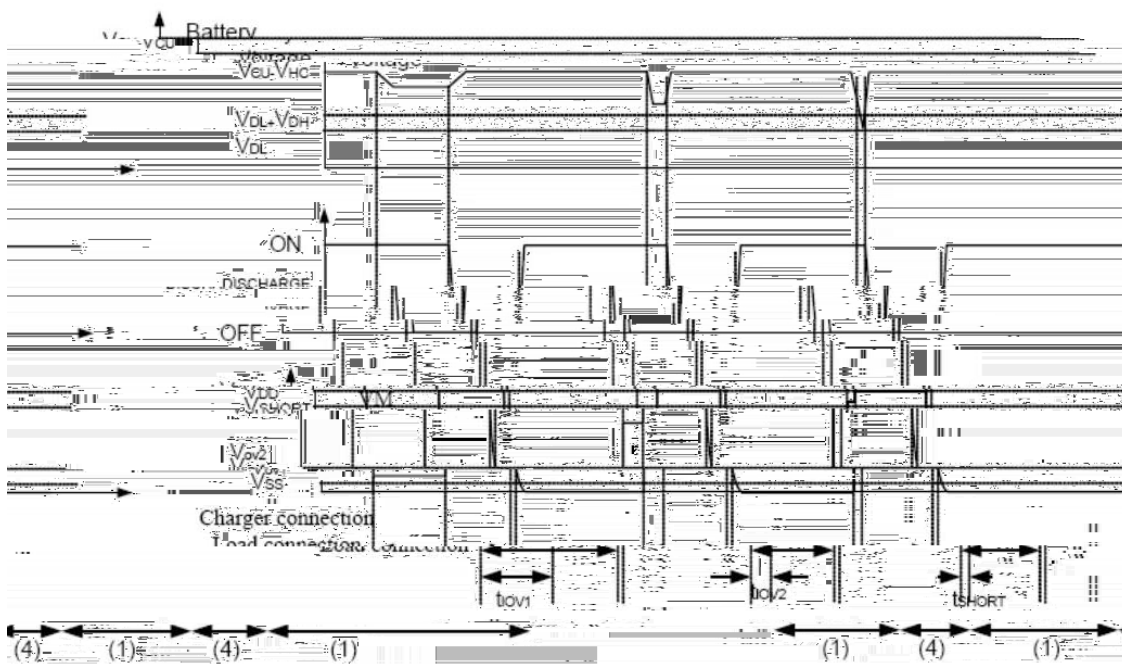


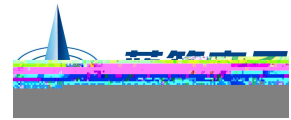
Timing Chart

Overcharge And Overdischarge Detection

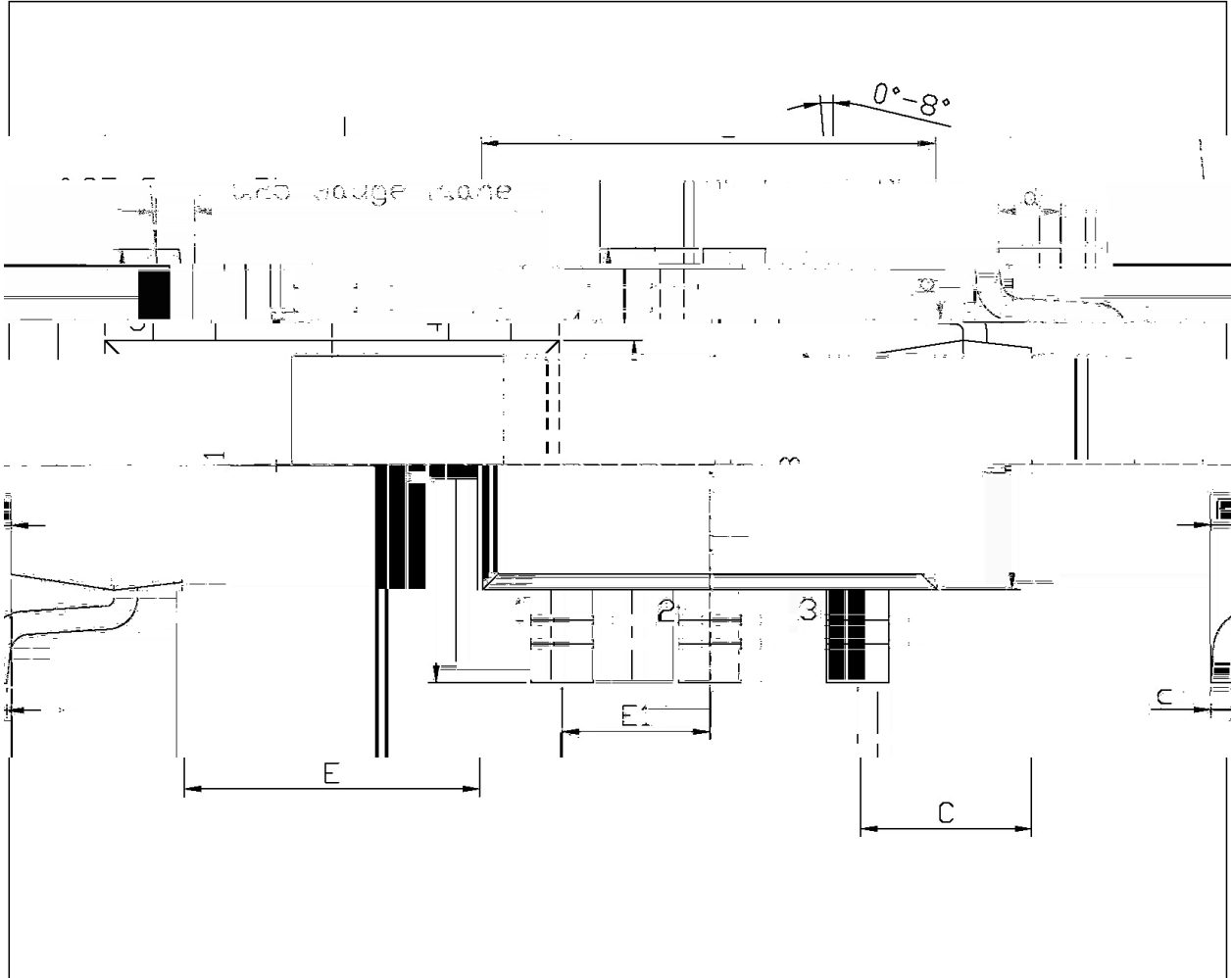


Overdischarge Current Detection





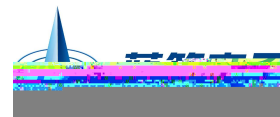
/ Package Dimensions



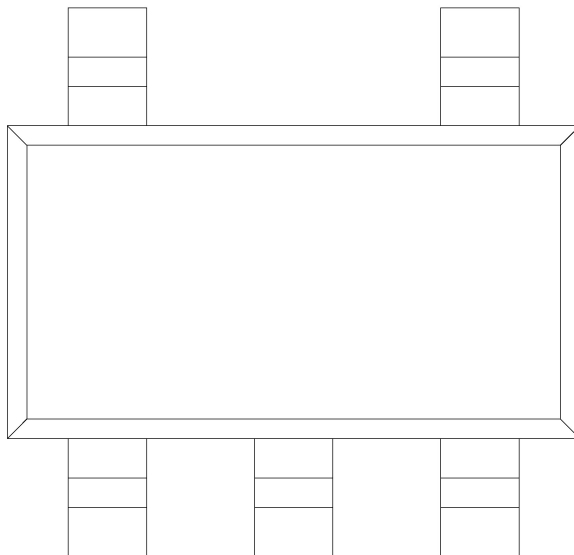
Unit: mm

Symbol	Dimensions In Millimeters		Symbol	Dimensions In Millimeters	
	Min	Max		Min	Max
3	1.50	1.70	6	0.35	0.55
E	2.60	3.00	C	1.90	2.00

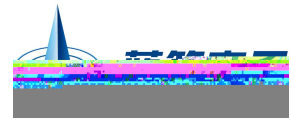
SOT23-5



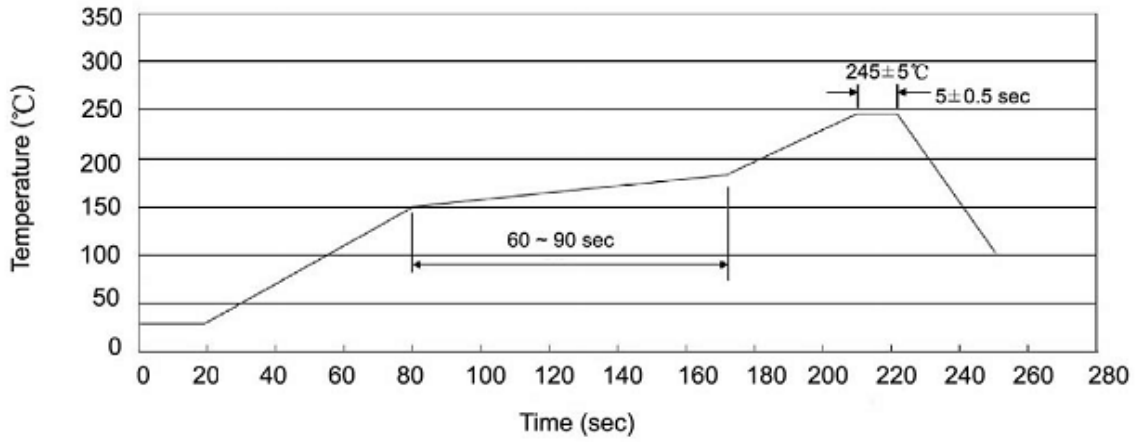
/ Marking Instructions



3230



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± ± ± ±

/ Resistance to Soldering Heat Test Conditions

± ± ± ±

/ Packaging SPEC.

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		o	o	o				
SOT23-5/6	3,000	10	30,000	4	120,000	7" × 8	210×205×205	435×225×420

/ Notices