

/ Descriptions

EUF06463G P H P R V I H W
 P R V I H W

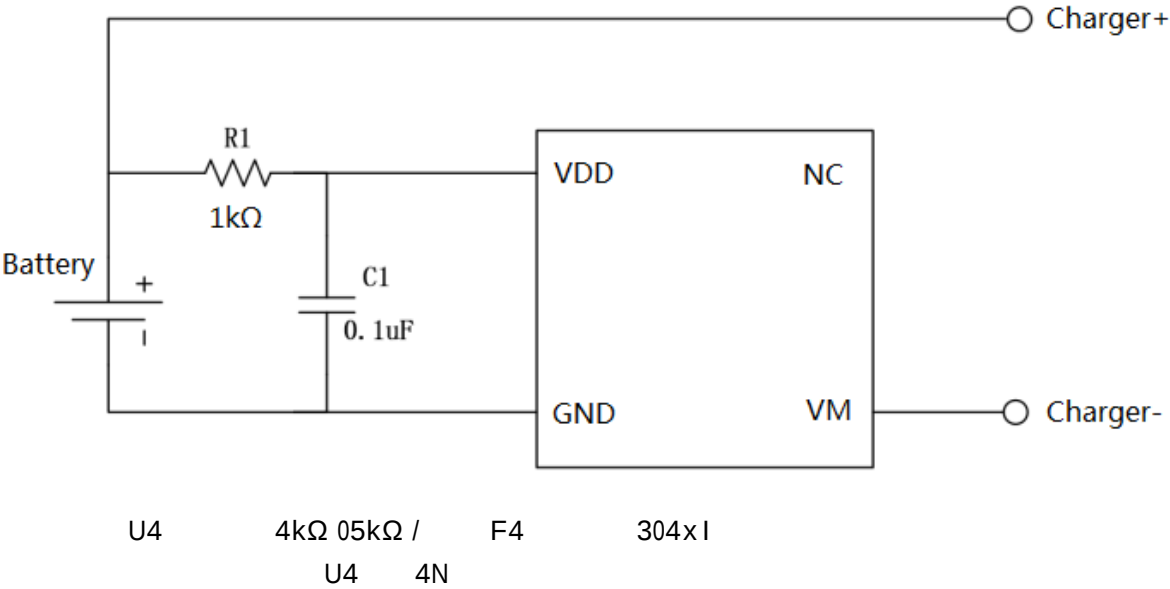
EUF06463G P H V R W 5 6 0 8

/ Features

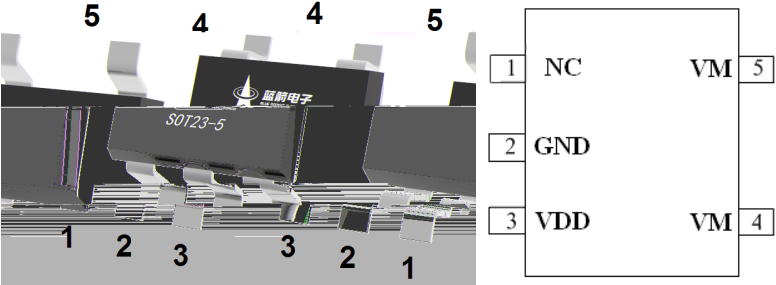
- ◆ 49 p Ω P R V I H W
- ◆ V R W 5 6 0 8
- ◆
- ◆
- ◆ 618 μD
- ◆ 319 μD
- ◆

/ Applications

/ Typical Application



/ Pinning



Siq Qx p ee u	Siq Qd p e	Siq Gevfuiswi r q
4	NC	
5	JQG	
6	VDD	
7/8	VP	

/ Marking

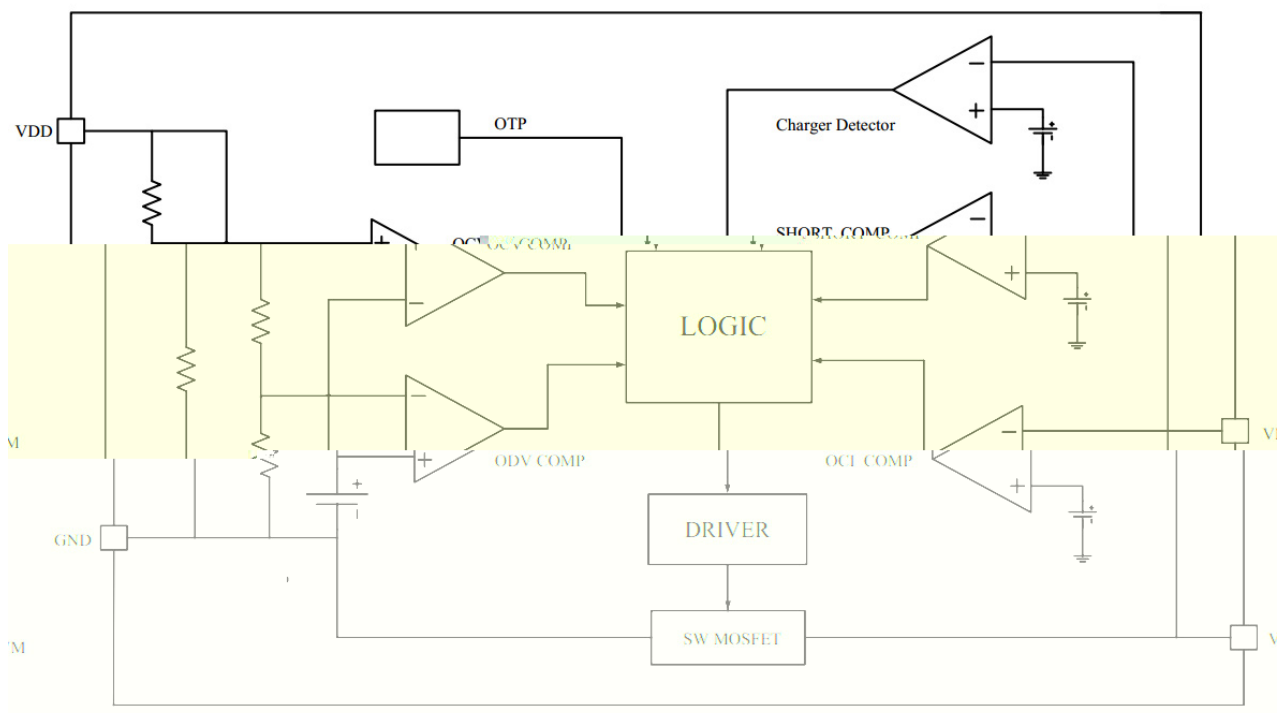
See Marking Instructions.

/Parameter	/Symbol	/Value	/Unit
V _{DD} input pin voltage	V _{IN}	-0.3 to +8	V
V _{VM} input pin voltage	V _{VM}	-8 to +10	V
Maximum Junction Temperature	T _J	-40 to +145	
Storage Temperature	T _{stg}	-55 to +145	
Power Dissipation	P _D (T _C)		

/ Electrical Characteristics(Ta=25)

Parameter	Symbol	Test Condition	Min	Typ	Max	Unit
Over temperature protection						
Over-temperature protection	OTP			145		
Over-temperature protection release temperature	OTPR			120		
Detection delay						
Overcharge Voltage Detection Delay Time	T _{OCV}			100		ms
Overdischarge Voltage Detection Delay Time	T _{ODV}			100		ms
Overdischarge Current1 Detection Delay Time	T _{IOV1}			8		ms
Overdischarge Current2 Detection Delay Time	T _{IOV2}			2		ms
Load Short-Circuiting Detection Delay Time	T _{SHORT}			150		μs

Functionl Block Diagram



Functional Description

EUF06463G P H		
	P R V I H W	49 p Ω
EUF06463G P H		

Normal Operating mode

Overcharge Voltage Condition

			$+V_{RFV},$	
$+W_{RFV},$	EUF06463G P H	P R V I H W		
	$+W_{RFV},$			
4	V P		$+V_{FKD},$	$+V_{RFU},$
5			$+V_{r fy},$	

Charger Detection

V_P

$+V_{RGV},$

EUF06463G PH

$+V_{FKD},$

0V Battery Charging Function

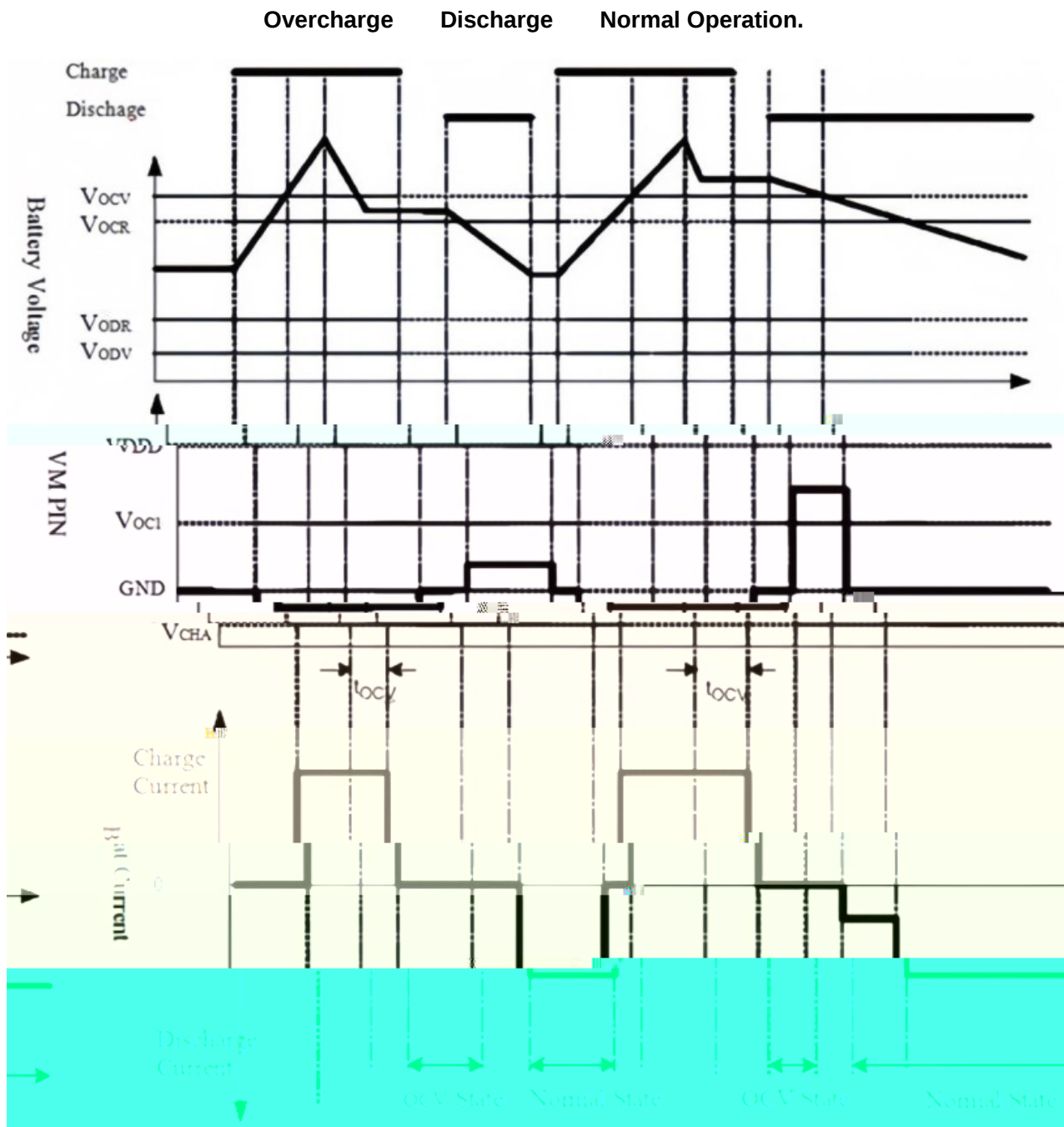
3V

516V

533 p D

PRV

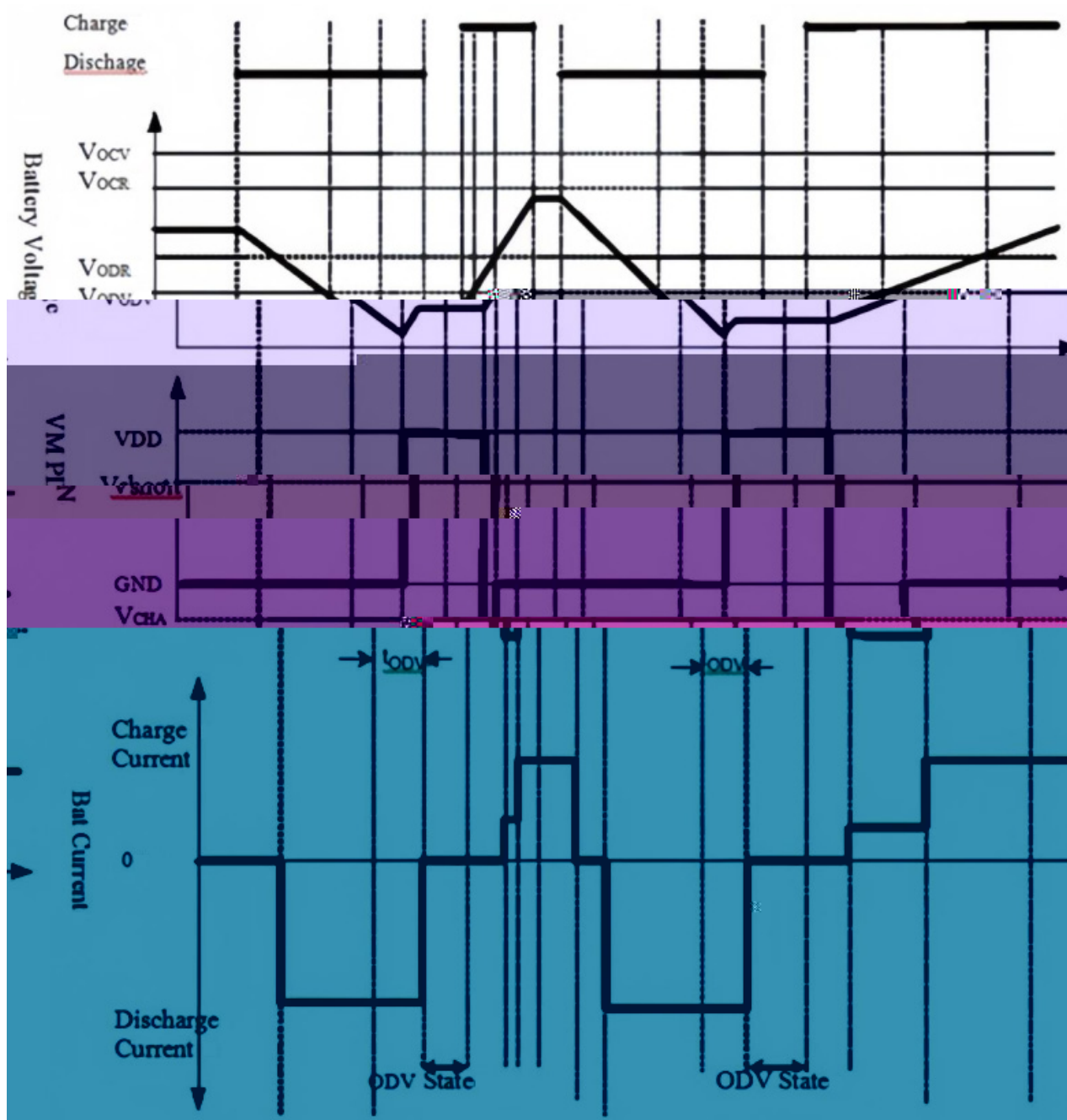
Timing Chart





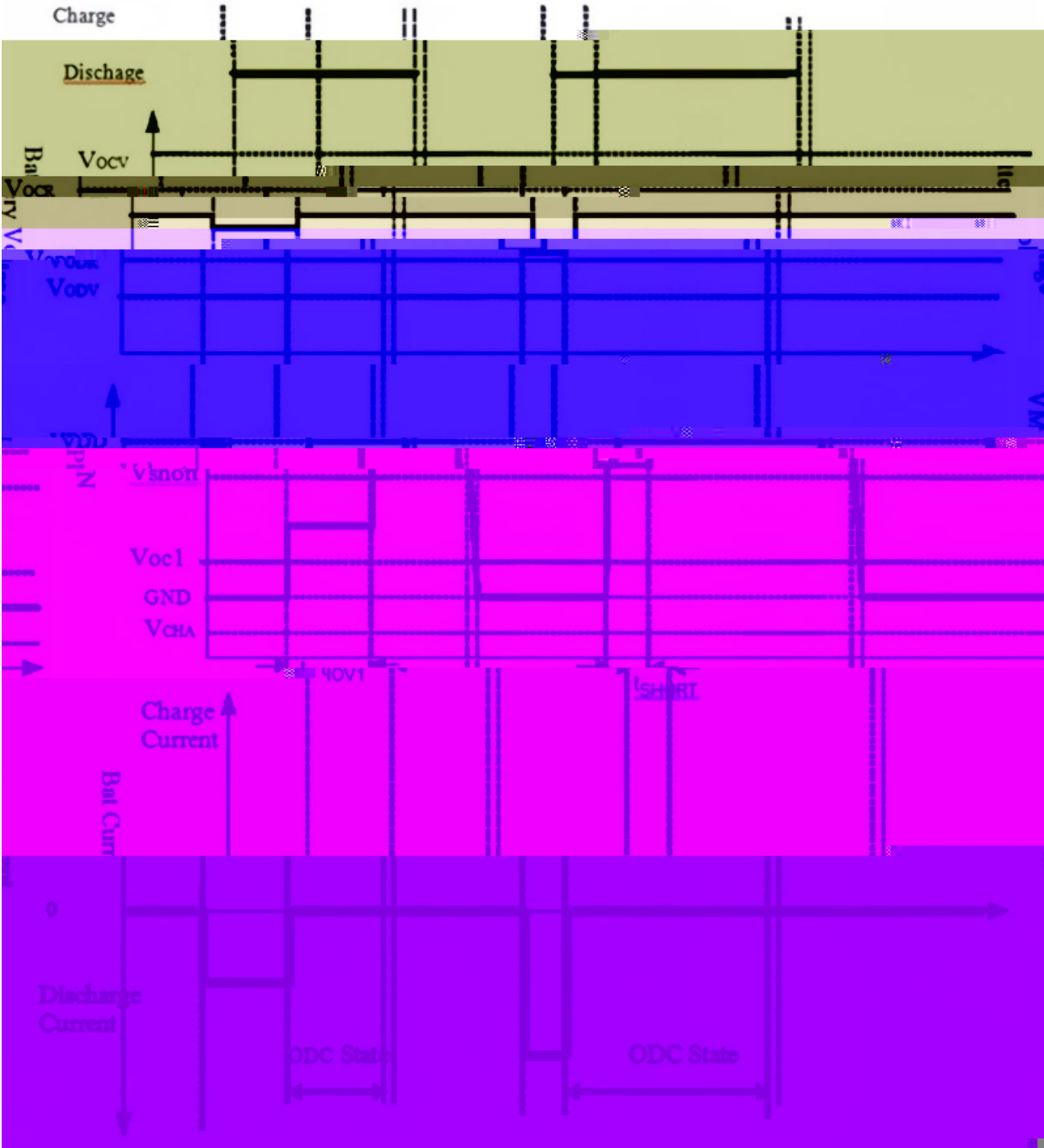
Timing Chart

Overdischarge Charging Normal Operation.

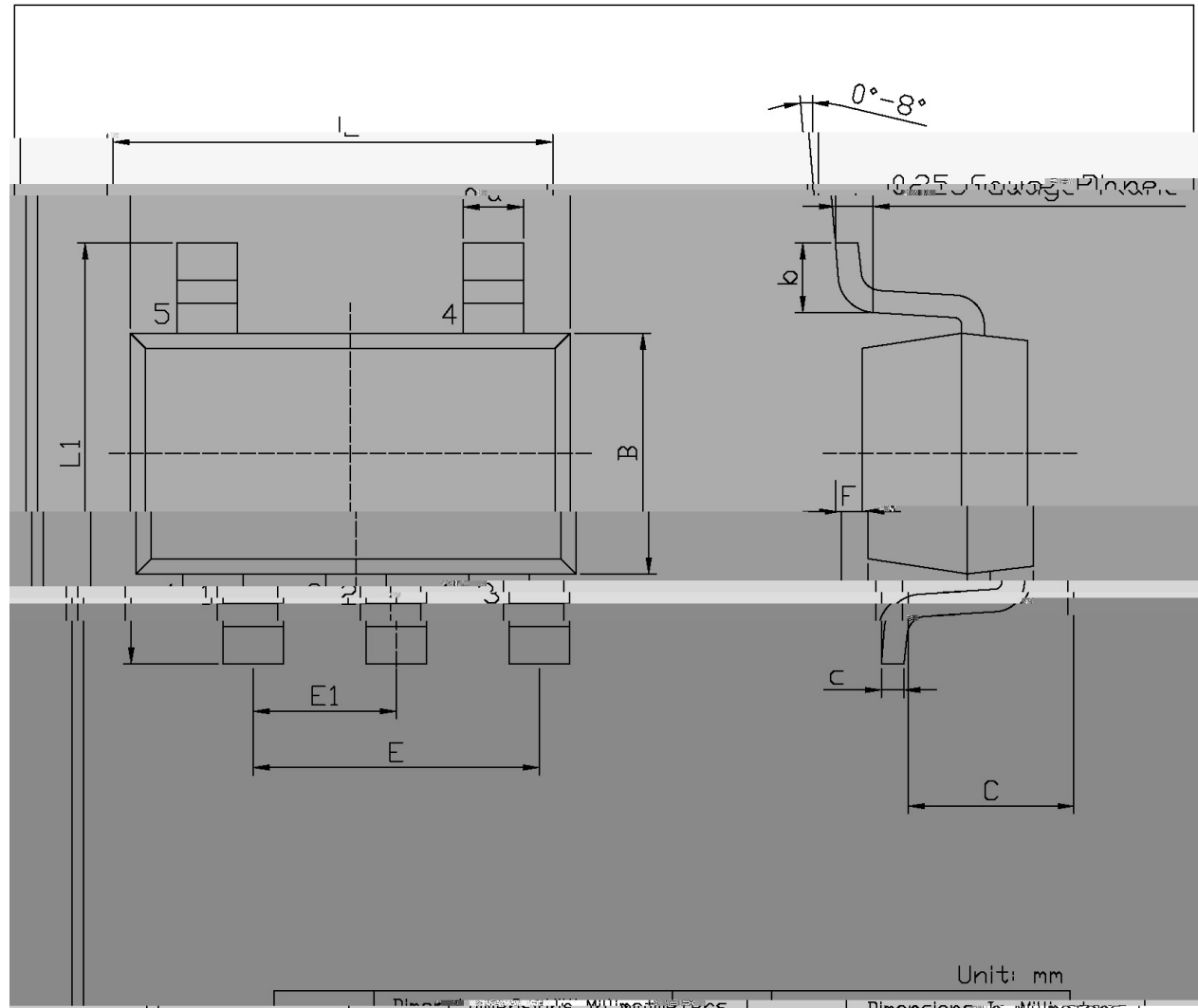


Timing Chart

Discharge Overcurrent Normal Operation.

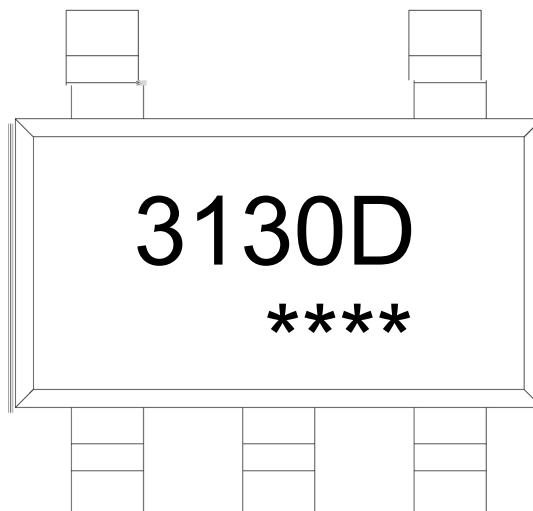


/ Package Dimensions



Dimensions in Millimeters			Dimensions in Millimeters		
Symbol	Min	Max	Symbol	Min	Max
L	2.82	3.02	E1	0.85	1.05
B	1.50	1.70	a	0.35	0.50
C	0.90	1.30	c	0.10	0.20
L1	2.60	3.00	b	0.35	0.55

/ Marking Instructions



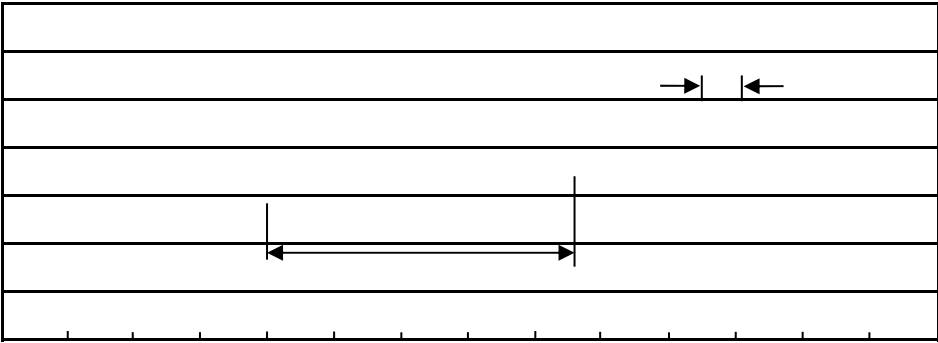
6463G

Note:

3130D: Product Type Code

****: Lot No. Code, code change with Lot No.

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Note:
1.Preheating:150~180 , Time:60~90sec.
2.Peak Temp.:245±5 , Duration:5±0.5sec.
3. Cooling Speed: 2~10 /sec.

150 180 60 90sec;
245±5 5±0.5sec;
2 10 /sec.

/ Resistance to Soldering Heat Test Conditions

260±5 10±1 sec. Temp.:260±5 Time:10±1 sec

/ Packaging SPEC.

/ REEL

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
DT23-5/6	3,000	10	30,000	4	120,000	7 ×8	210×205×205	445×435×230

/ Notices