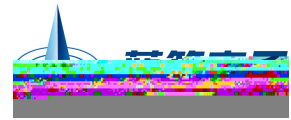


B	2018-4				
C	2019-3-7	1			
D	2020-11-9	1 3 4	4057 VBAT 4.158~4.242V		



/ Descriptions

BRCL3550MF

BRCL3550MF

/

/ Features

4.20V±1%

/ /

7V

0V

C/10

1uA

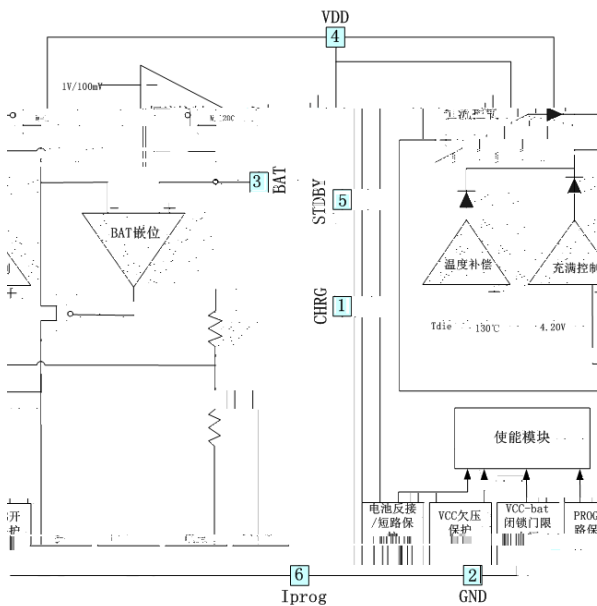
BAT-VDD

USB

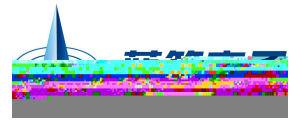
/ Applications

BRCL3550MF

USB



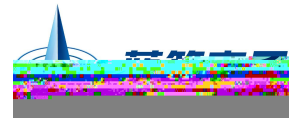
BRCL3550MF
Rev.D Nov.-2020



DATA SHEET



CHRG	1	
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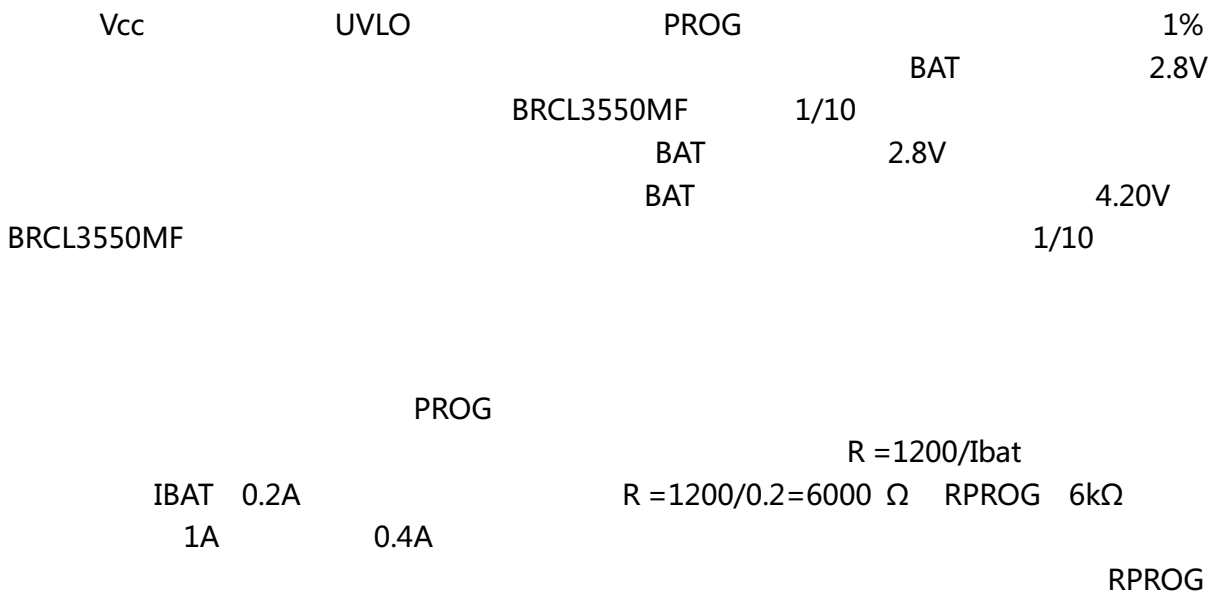
/ Electrical Characteristics

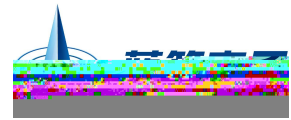
Ta=25

)

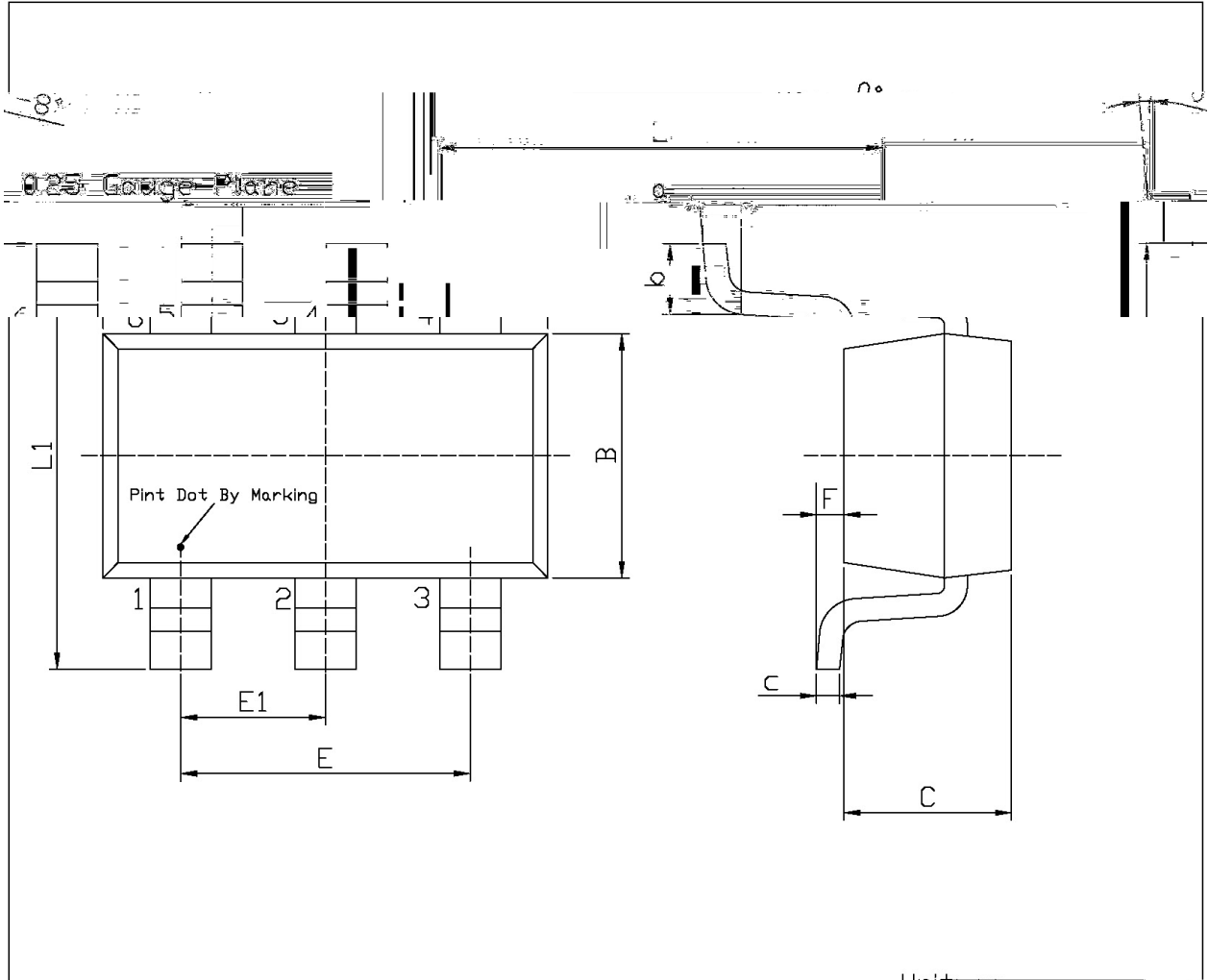
Parameter	Symbol	Test Conditions	Min	Typ	Max	Unit
	V_{IN}		4.0	5.0	7.0	V
VIN	V_{IN}	$V_{in}>BAT$		100		mV
VIN		$V_{in}>BAT$		30		mV
	V_{float}	$V_{DD}=5V$	4.158	4.20	4.242	V
BAT	I_{bat}	$V_{cc}=3.5V, V_{bat}=4.2V$		± 0.5	± 5.0	μA
	V_{TRKL}	V_{BAT}		2.8		V
	V_{TRHYS}			100		mV
Vcc	V_{UV}	V_{cc}		3.7		V
Vcc	V_{UVHYS}			200		mV
	V_{msd}			1.2		V
	V_{msdHYS}			50		mV
PROG	V_{prog1}			0.1		V
PROG	V_{prog2}			1.0		V
	OTR	$V_{DD}=5V$		130		$^{\circ}C$

/ Application Message





/ Package Dimensions

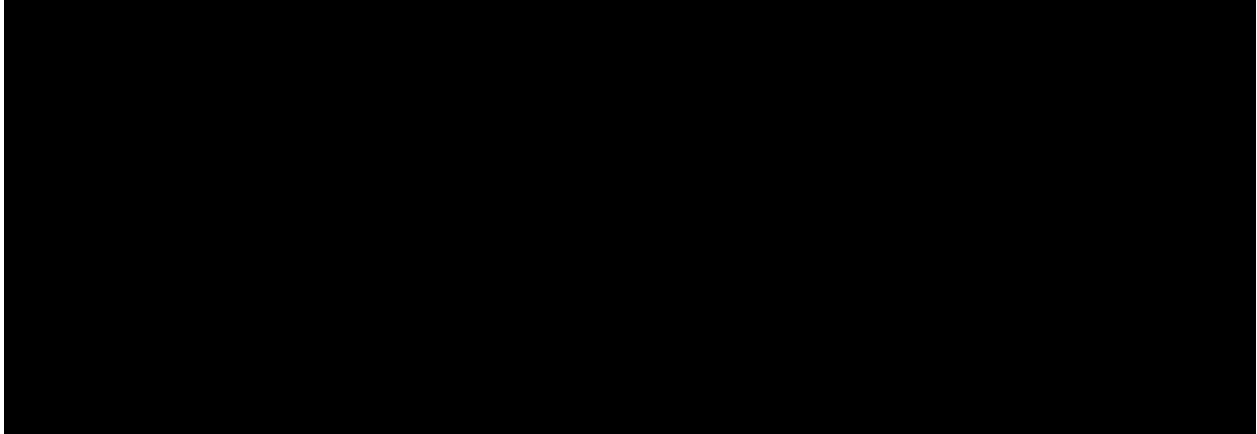


Dimensions In Millimeters

Symbol	Max	Min	Max
$L1$	10.0	9.5	10.5
B	5.0	4.5	5.5
E	3.0	2.5	3.5
$E1$	1.5	1.0	2.0
F	1.5	1.0	2.0
C	1.5	1.0	2.0

Dimensions In Millimeters

Symbol	Max	Min
$L1$	10.0	9.5
B	5.0	4.5
E	3.0	2.5
$E1$	1.5	1.0
F	1.5	1.0
C	1.5	1.0



/ Marking Instructions



PIN1

3550

Note:

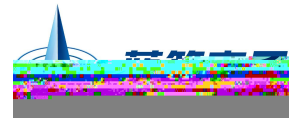
PIN1 Mark

3550:

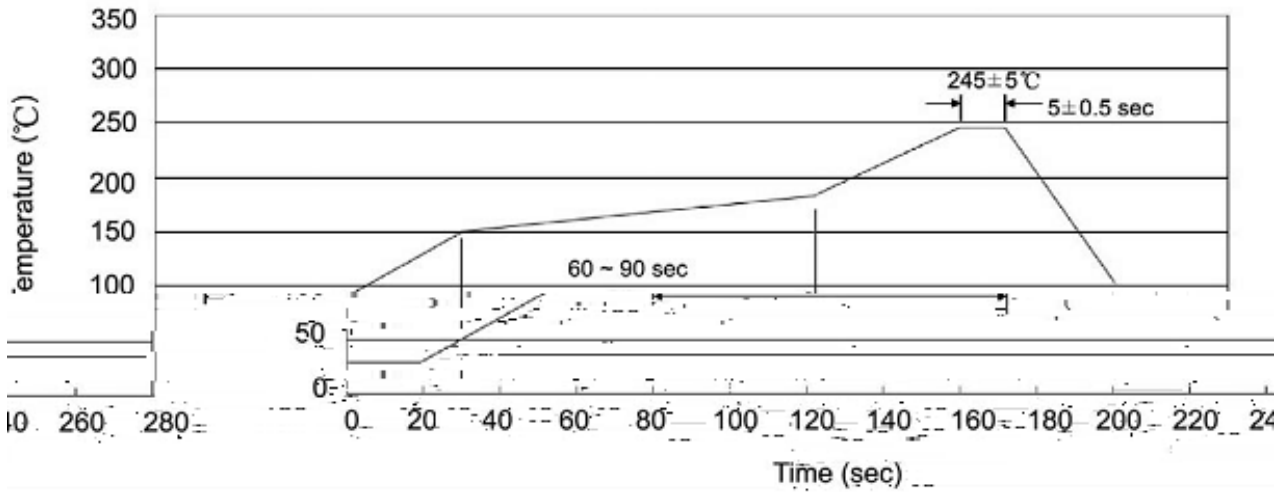
Product Type Code.

****:

Lot No. Code, code change with Lot No.



() /



Note:

- | | | | |
|---|---------|-----------|---|
| 1 | 150 180 | 60 90sec; | 1.Preheating:150~180 , Time:60~90sec. |
| 2 | 245±5 | 5±0.5sec; | 2.Peak Temp.:245±5 , Duration:5±0.5sec. |
| 3 | 2 10 | /sec. | 3. Cooling Speed: 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 只/卷盘	Reels/Inner Box 卷盘/盒	Units/Inner Box 只/盒	Inner Boxes/Outer Box 盒/箱	Units/Outer Box 只/箱	Reel	Inner Box	Outer Box
SOT23-5/6	3,000	10	30,000	4	120,000	7" ×8	210×205×205	445×230×435

/ Notices