

/ Descriptions

BRCL3550MF

BRCL3550MF

/

/ Features

4.20V $\pm$ 1%

/ /

7V

0V

C/10

1uA

BAT-VDD

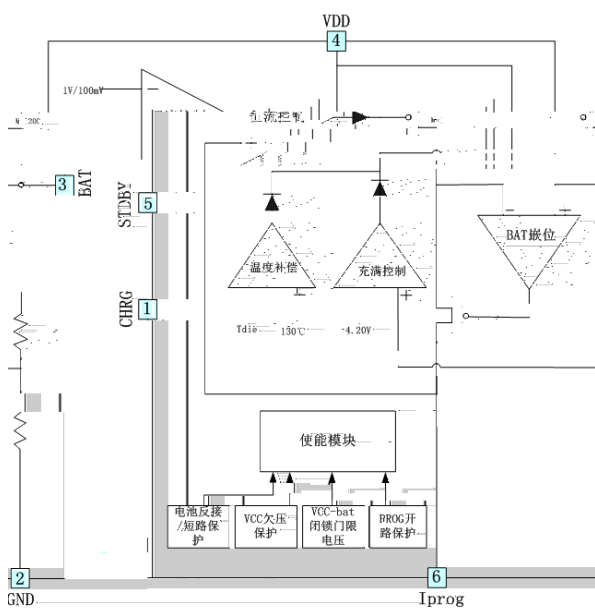
USB

/ Applications

BRCL3550MF

USB

/ Equivalent Circuit





CHRG	1	

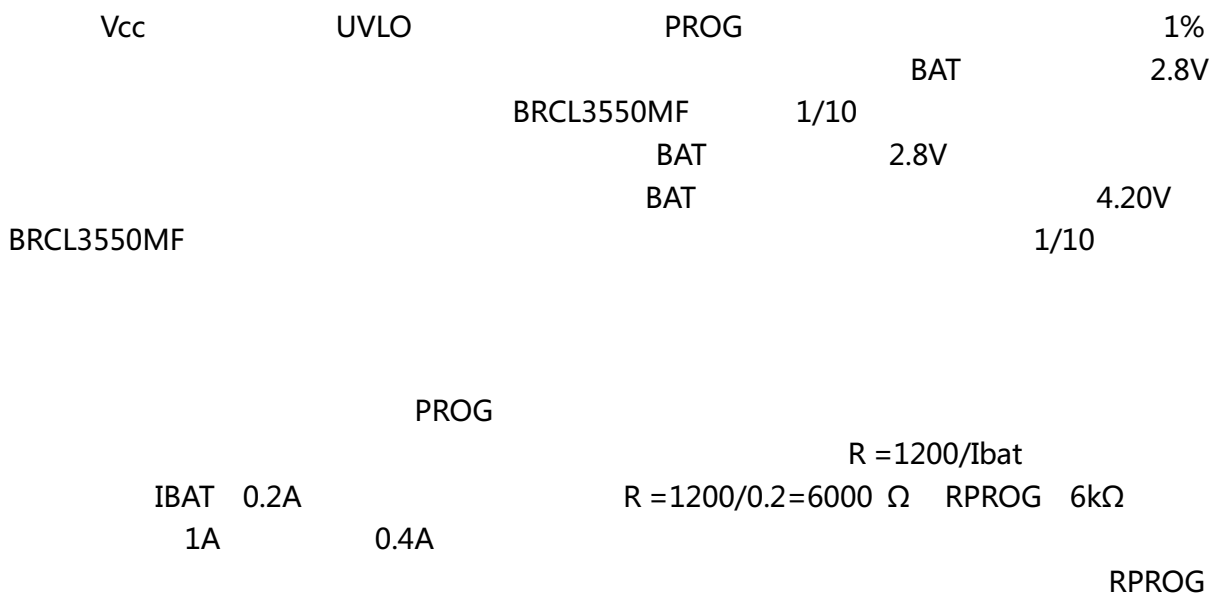
/ Electrical Characteristics

Ta=25

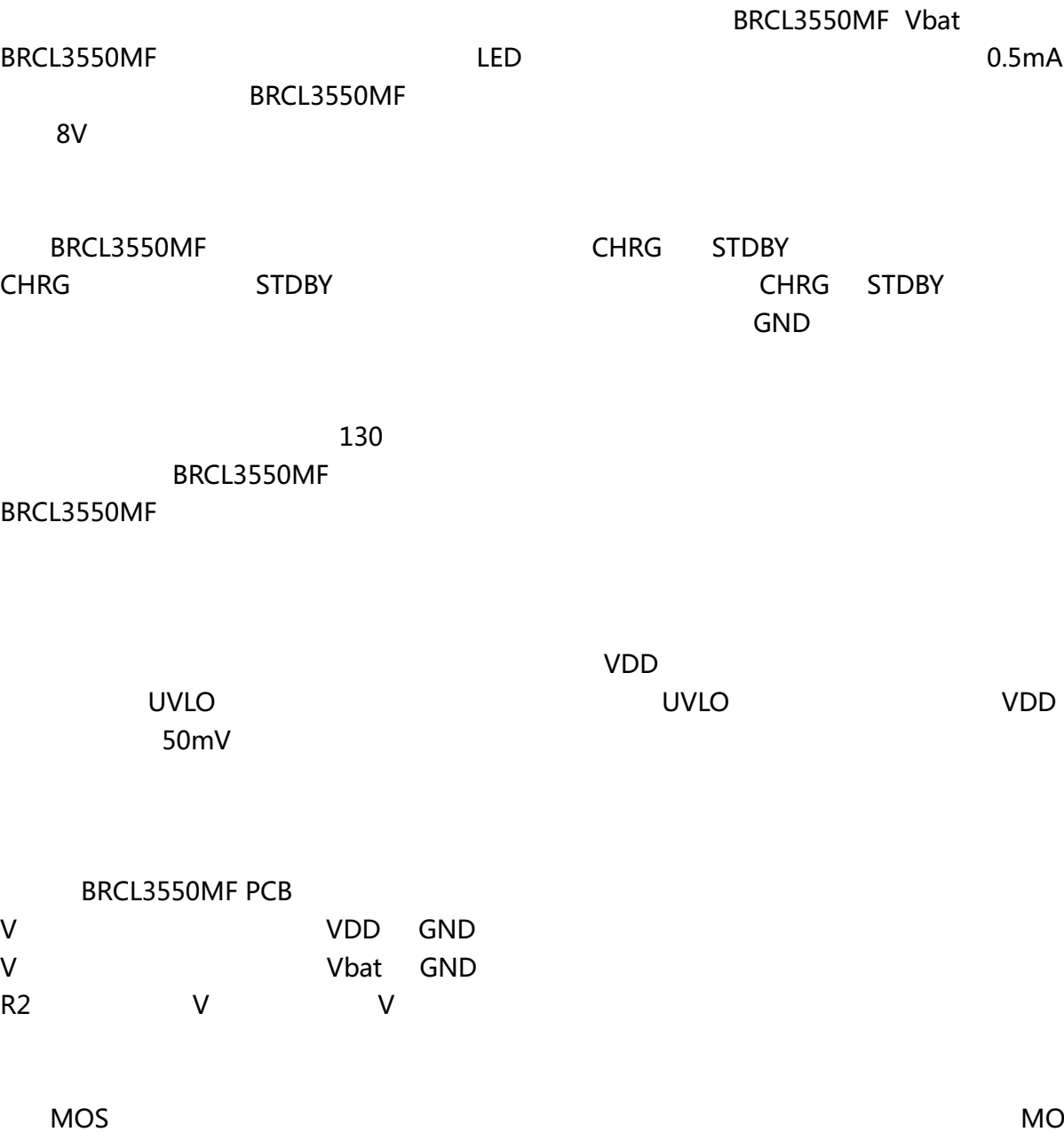
)

Parameter	Symbol	Test Conditions	Min	Typ	Max	Unit
	V _{IN}		4.0	5.0	7.0	V
V _{IN}	V _{IN}	V _{in} >BAT		100		mV
V _{IN}		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
V _{cc}	V _{UV}	V _{cc}		3.7		V
V _{cc}	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		°C

/ Application Message



/ Application Message



Technical drawing of a rectangular container with three side ports. The drawing includes a top view, a front view, and a side view.

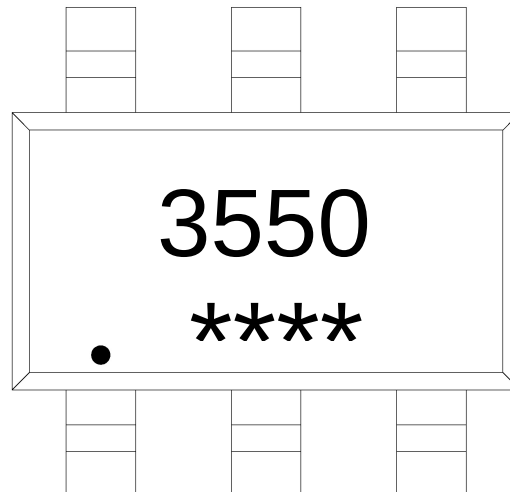
Top View: Shows a rectangular container with overall length $L1$ and width B . A dashed centerline is shown. A "Pint Dot By Marking" is indicated on the left side. Three side ports are labeled 1, 2, and 3. The distance between the centers of ports 1 and 2 is $E1$, and the total distance between the centers of ports 1 and 3 is E . A detail view of a port shows a flange with a radius R and a height 0.25 Gauge Plane.

Front View: Shows the container with a dashed centerline. A detail view of a port shows a flange with a radius R and a height 0.25 Gauge Plane.

Side View: Shows the container with a dashed centerline. A detail view of a port shows a flange with a radius R and a height 0.25 Gauge Plane.

[illegible]

/ Marking Instructions



PIN1

3550

Note:

PIN1 Mark

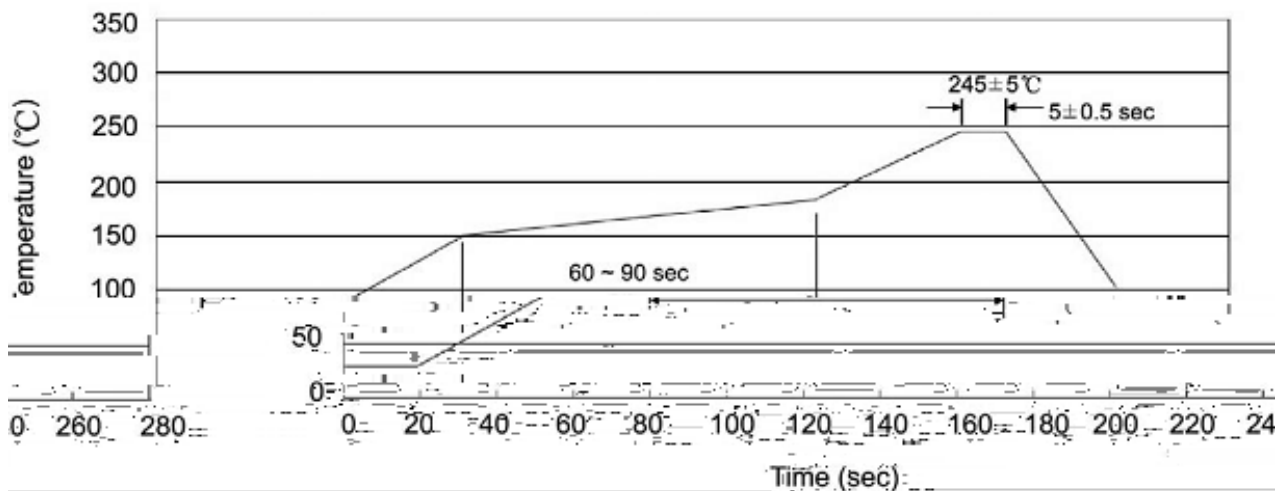
3550:

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