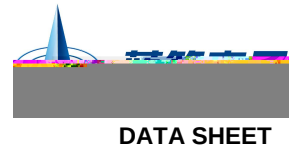


BRCL3550MF
Rev.D Nov.-2020





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CHRG	1	



Electrical Characteristics

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		

Application Message

1

K L M , N O 1

Vcc

UVLO

PROG

1%

BAT

2.8V

BRCL3550MF

1/10

BAT

2.8V

BAT

4.20V

BRCL3550MF

1/10

M , , P Q R S 1

PROG

 $R = 1200 / I_{bat}$

IBAT 0.2A

 $R = 1200 / 0.2 = 6000 \Omega$ RPROG 6k Ω

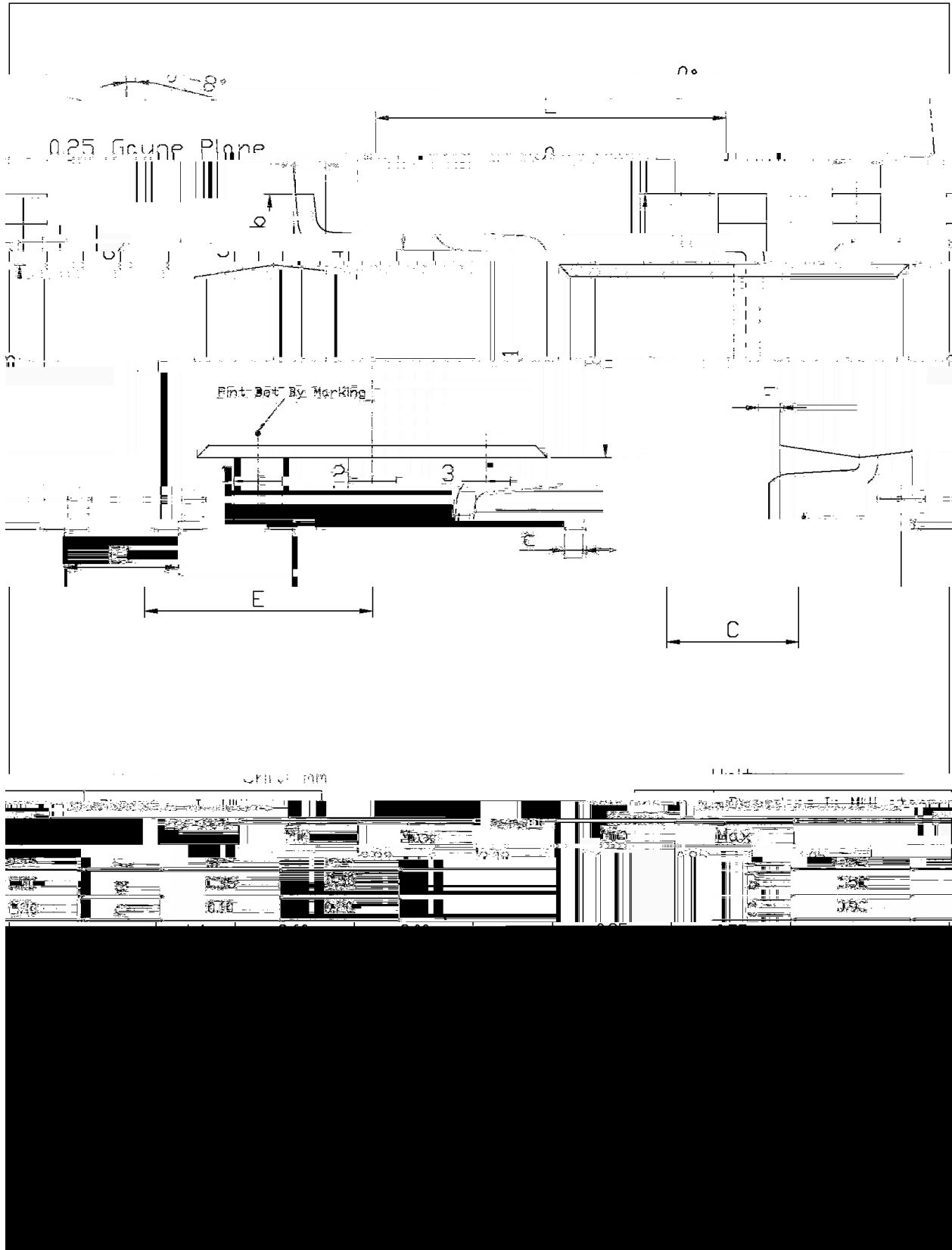
1A

0.4A

RPROG



Z i £ □ / Package Dimensions



7 8 5 6 / Marking Instructions



¥111 PIN1 1

3550

Note:

¥111 PIN1 Mark1

3550: Product Type Code.

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

1. P S () / @emperature1yrofile1for1<R1Reflow1Soldering1byb-Free)



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. |

§ e r / 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

& 5 6 / Notices