. / 0 1	. / 2 1	3 4 5 6 1
CHRG	1	

, T 4 U V / Electrical Characteristics‖X $ Y 5 6 Z [Ta=25 \ [ ] = ^ _ , ` a b , `)

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		

H & I J / Application Message

1

K L M , N O1

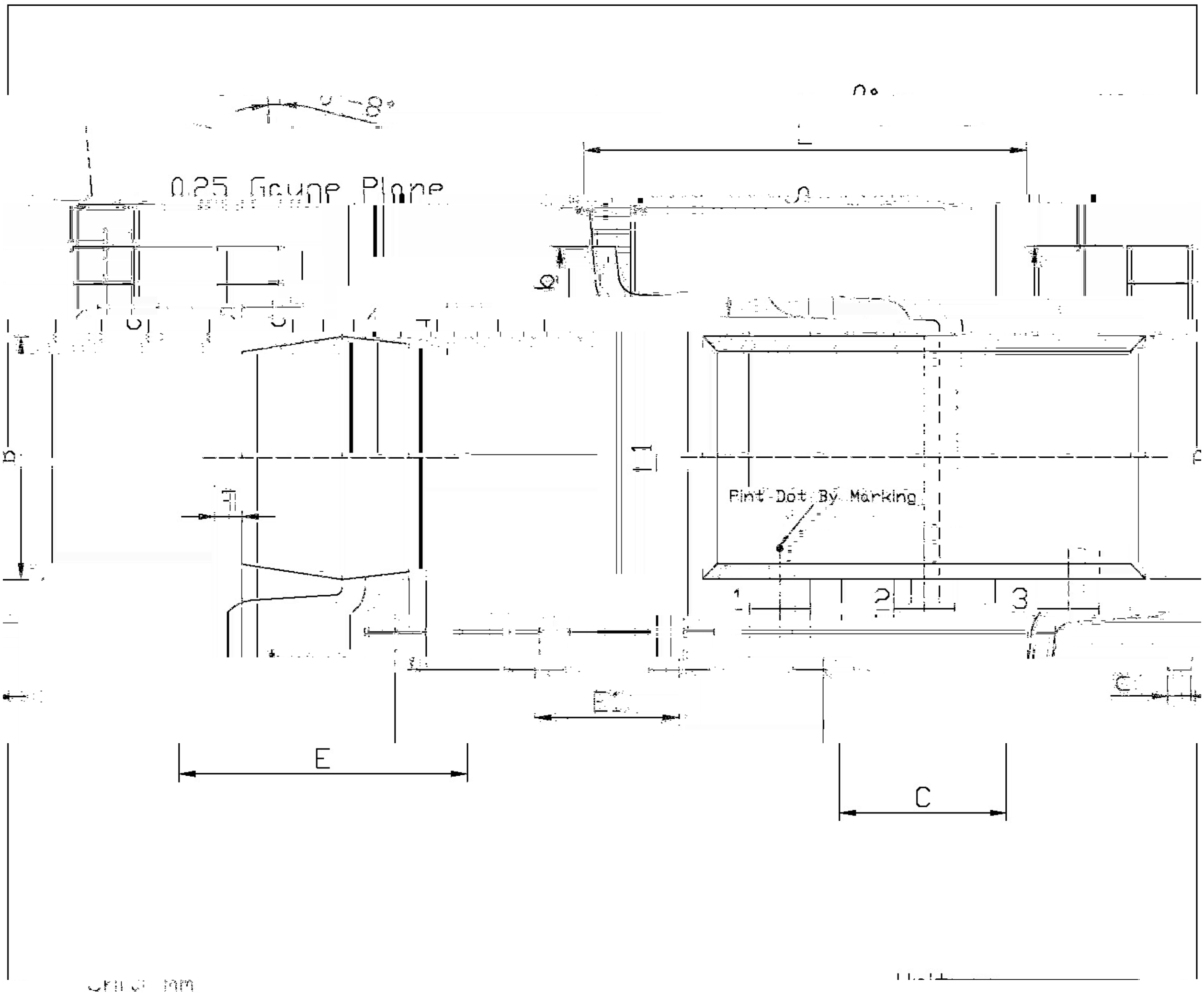
Vcc UVLO PROG 1%
BAT 2.8V
BRCL3550MF 1/10
BAT 2.8V
BAT 4.20V
BRCL3550MF 1/10

M , , P Q R S1

PROG
R =1200/Ibat
IBAT 0.2A R =1200/0.2=6000 Ω RPROG 6kΩ
1A 0.4A
RPROG

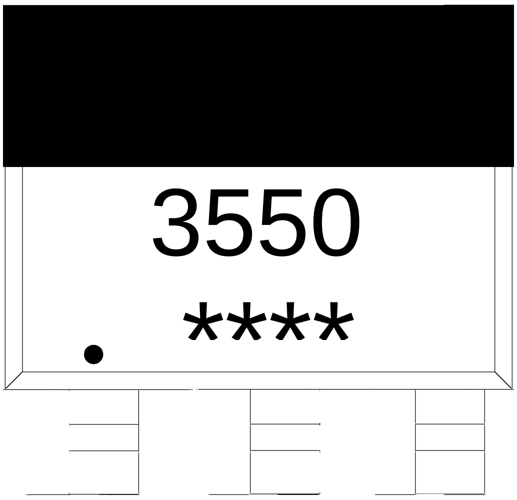
r n

Z ¡ ¢ £ / Package Dimensions



[illegible]

7 8 5 6 / Marking Instructions



¤111 PIN1 1

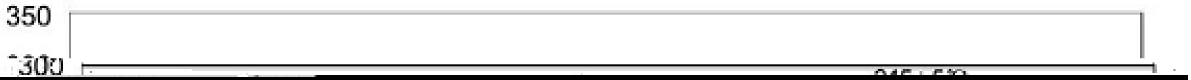
3550

****

Note:

¤111	PIN1 Mark1
3550:	Product Type Code.
****:	Lot No. Code, code change with Lot No.

¥ P ¦ £ ( ) / @emperature1yrofile1for1<R1Reflow1SolderingWyb-Free)



[redacted]

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