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CHRG	1	

, T 4 U V / Electrical Characteristics W 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

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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/Ibat

IBAT 0.2A R =1200/0.2=6000 Ω RPROG 6kΩ

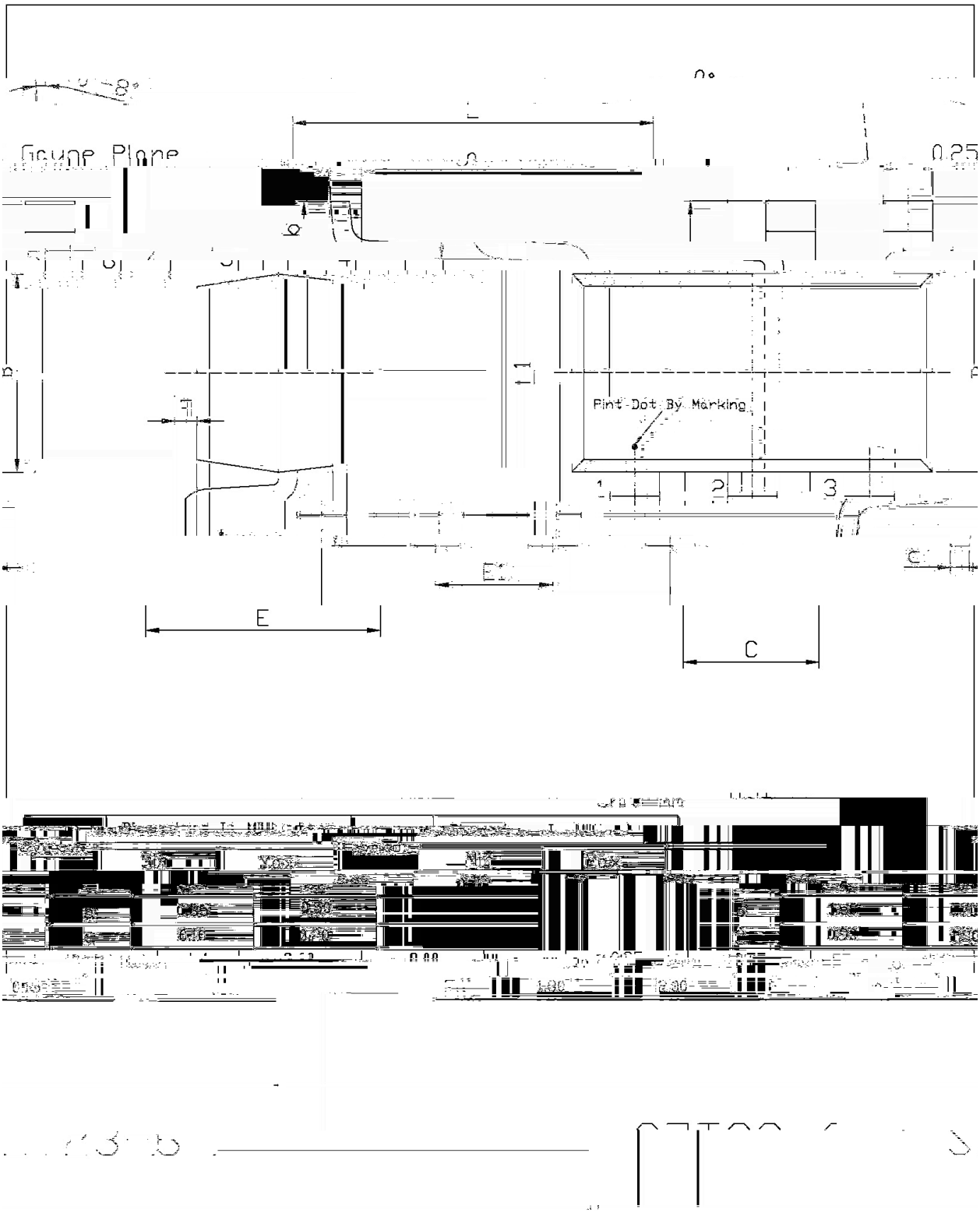
1A 0.4A

RPROG

r n

l

Z ¡ ¢ £ / 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.

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



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