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k G ‘ / ¶ k ä | ª W •ož
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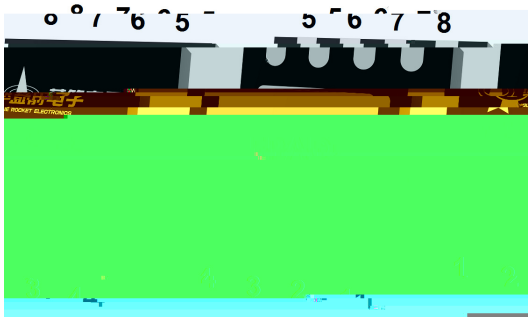

– ÚZ 6OT 4[SH	– df KX6OT 4GSK	– ª¢ 6OT *KYIXOVZOUT
	VDD	›€
	-4*	/Ìª kN P/¿â

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@ ƒ/Parameter	… Z/Symbol	ƒ › /Value	% y/Unit
V_{DD} input pin voltage	V_{IN}	-0.3 to +8	V
V_{VM} input pin voltage	V_{VM}	-8 to +10	V
Maximum Junction Temperature	T_J	-40 to +145	
Storage Temperature	T_{stg}	-55 to +145	
ESD g HBM Mode h	ESD	f 4000	V

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@ ƒ Parameter	… Z Symbol	y ¡ Ú ^ Test Condition	Â 4 › Min	Á º › Typ	Â Ý › Max	% y Unit
Pp		**y**				
Supply Voltage	V_{DD}		0		6	V
Charger input voltage	V_M		-6		6	V
De		**t**				
Overcharge Detection Voltage	V_{OCV}		4.25	4.3	4.35	V
Overcharge Release Voltage	V_{OCR}		4.04	4.10	4.16	V
Overdischarge Detection Voltage	V_{ODV}		2.30	2.40	2.50	V
Overdischarge Release Voltage	V_{ODR}		2.90	3.00	3.10	V
De		**t**				
Overdischarge Current Detection	I_{OCI}		9	11.5	14	A
Load Short-Circuiting Detection	I_{SHORT}		15	25	35	A
Overcharge Current Detection	I_{CHA}		7	10	13	A
S		**t**				
Current Consumption in Normal Operation	I_{OPE}	V_M=0V		3.5	7	A
Current Consumption in Dormancy	I_{PDN}	V_{DD}=1.8V		0.6	1.5	A
Pu Pu Co		**t**				
Internal pull-up current	I_{PU}			14		A
Internal pull-down current	I_{PD}	V_M=1V		14		A
Eq		**v**				
Equivalent FET on Resistance	R_{DS}	I_{VM}=1A	12.5	16	18	m

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@ ƒ Parameter	… Z Symbol	y ¡ Ú ^ Test Condition	Â 4 › Min	Á º › Typ	Â Ý › Max	% y Unit
O		**v**				
Over-temperature protection	OTP			145		
Over-temperature protection release temperature	OTPR			120		
De		**t**				
Overcharge Voltage Detection Delay Time	T_{OCV}			100		ms
Overdischarge Voltage Detection Delay Time	T_{ODV}			100		ms
Overdischarge Current1 Detection Delay Time	T_{IOV1}			8		ms
Overdischarge Current2 Detection Delay Time	T_{IOV2}			2		ms
Load Short-Circuiting Detection Delay Time	T_{SHORT}			150		ms

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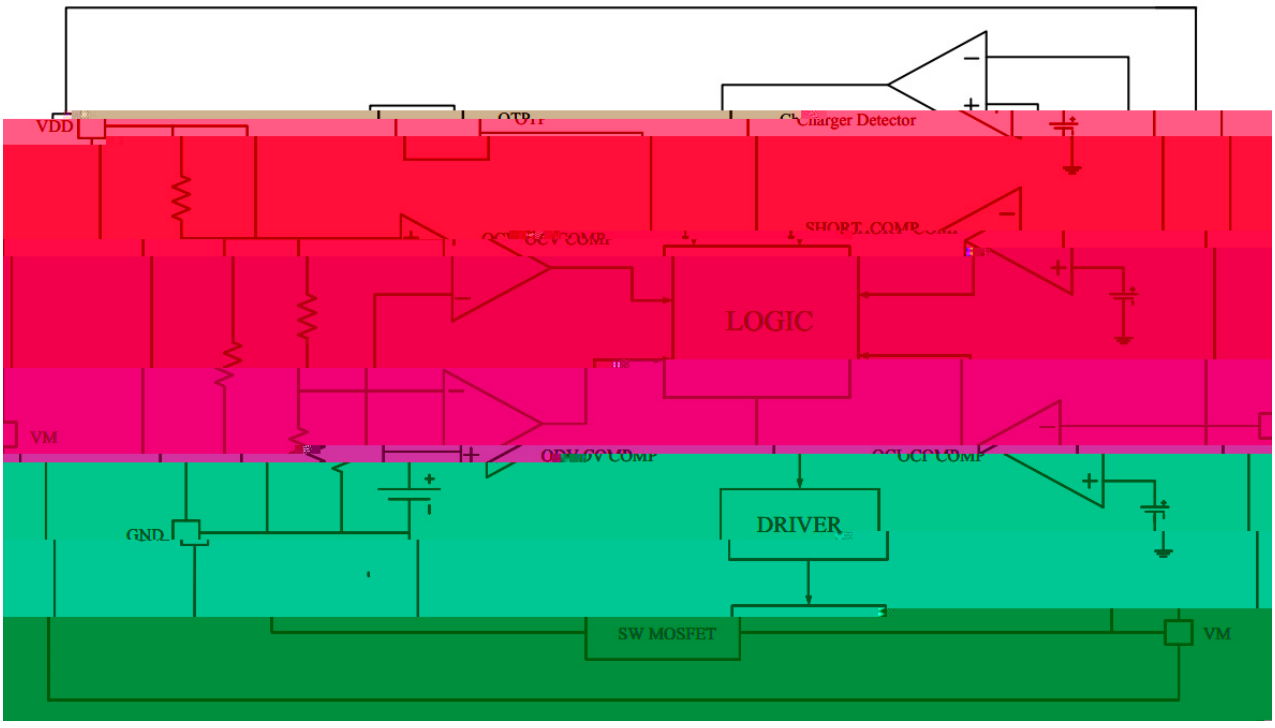

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¢ Ô 9 y Ù Á P y - ˜ , k 3 < 3 ’ 9 4 9 ˆ 9 - ˜ y 9 <) . ' k ¢ P 9 Ý 9 ˆ 9 y y 9 < 5 * < k (8) 2 * @ 8 1 K y y Ù Áož

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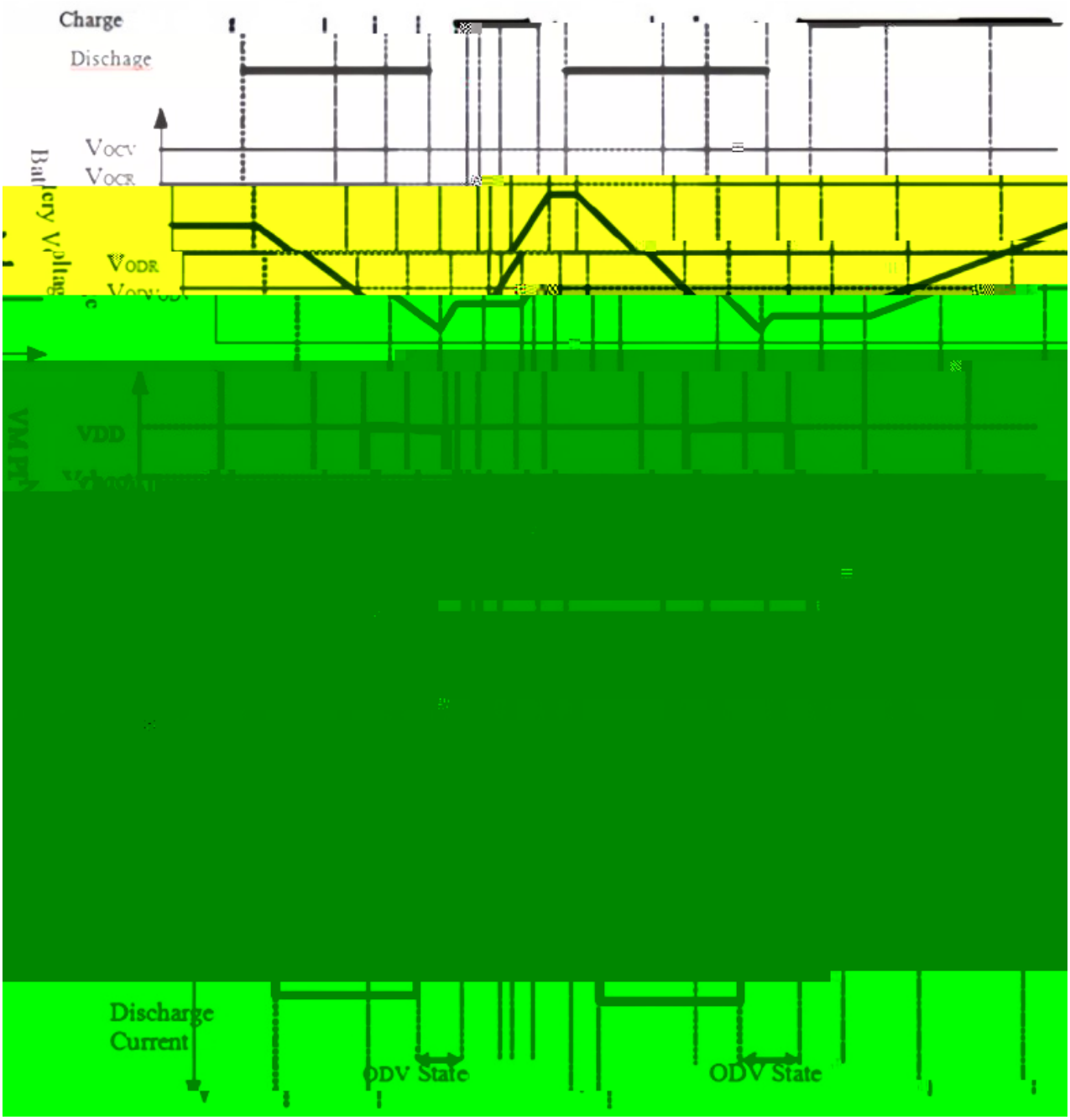

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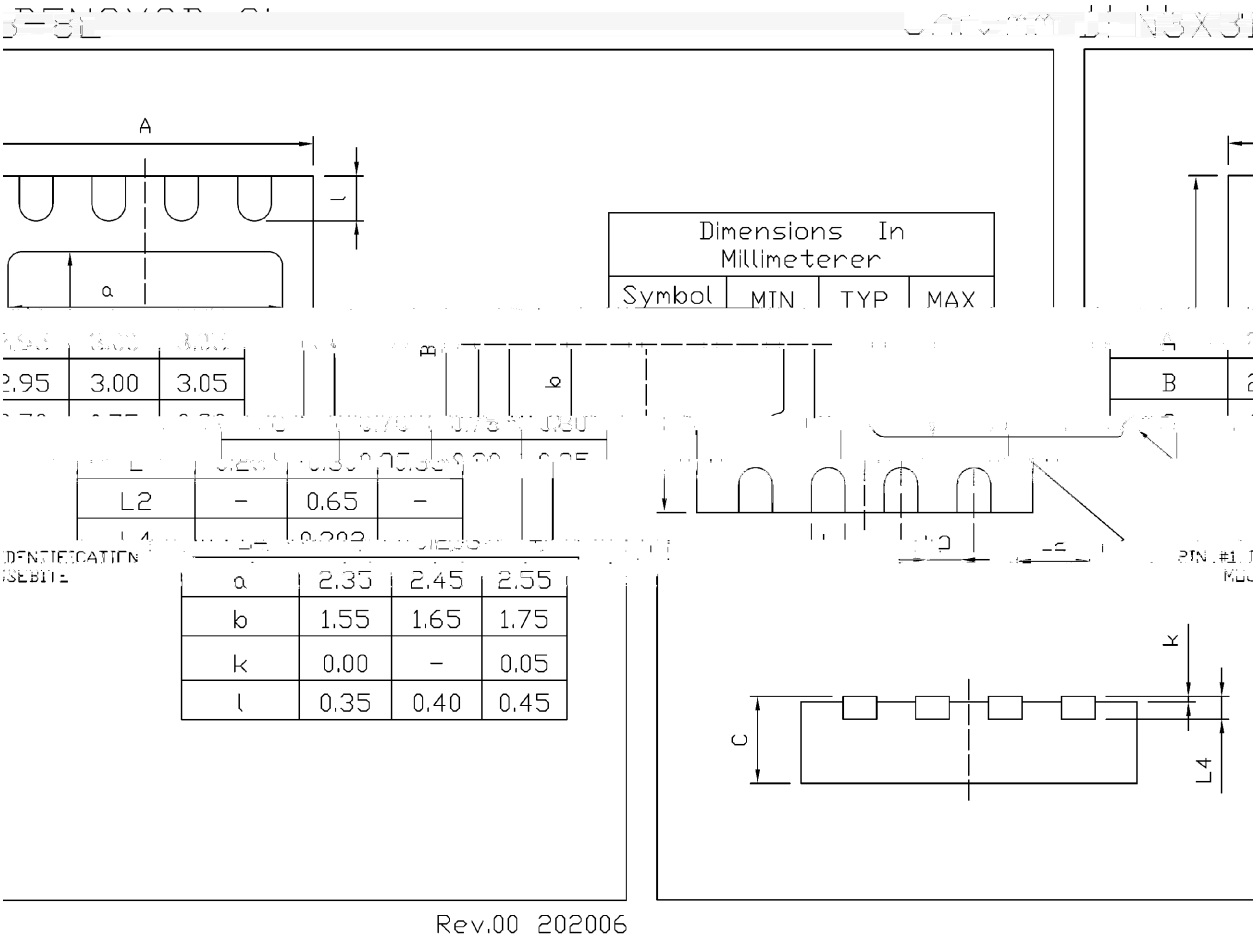
A
Dimensions In Millimeterer
Symbol MIN TYP MAX
2.95 3.00 3.05
B
L2 – 0.65 –
a 2.35 2.45 2.55
b 1.55 1.65 1.75
k 0.00 – 0.05
l 0.35 0.40 0.45
k
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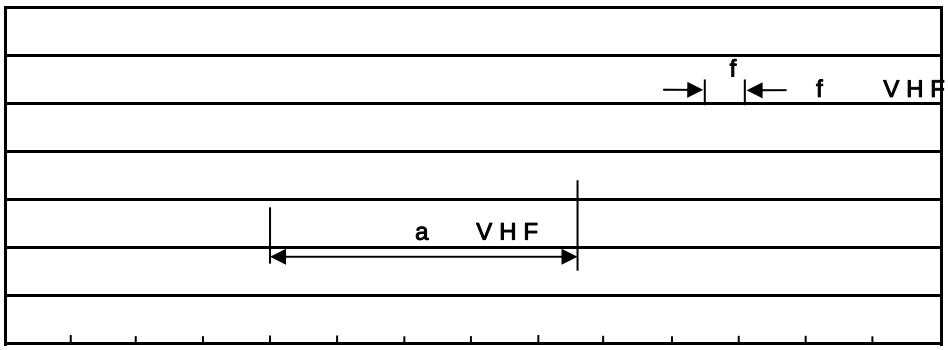

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1o• Ä ½ “ † 150 ½180 - k ž • 60 ½90sec;

2o• Q › “ † 245 r5 - k ž • 4 Ò 5 r0.5sec;

3o•D N ò i Ò 0 , † 2 ½10 - /sec.

Note:

1.Preheating:150~180 - , Time:60~90sec.

2.Peak Temp.:245 r5 - , Duration:5 r0.5sec.

3. Cooling Speed: 2~10 - /sec.

ÂD /Cã p ¯ »] / Re t

“ † y 260 r5 - ž • y 10 r1 sec. Temp.:260±5 Time:10±1 sec

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2 & x / REEL

Package Type 7>û ˜ E	Units ;>û ¦H					Dimension ;>û p . (unit Æmm³)		
	Units/Reel / --	Reels/Inner Box -- /-	Units/Inner Box /-	Inner Boxes/Outer Box - /1ç	Units/Outer Box /1ç	Reel	Inner Box×	Outer Box1ç
DFN3×3B-8L	5,000	2	10,000	6	60,000	13 s ×12	360×360×50	380×335×366

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