

BRES5V0M1B2ZA

Rev. A.0



蓝箭电子
BLUE ROCKET ELECTRONICS

DATA SHEET

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DFN0603 Package - Leadless, ESD Protected

Supply Voltage Max

Maximum

IEC61000-4-2(ESD): 30kV (A)

IEC61000-4-4 (EFT): 80A (5/50µs)

IEC61000-4-5 (E) 20A (8/20µs)

Ua-max eCJ = 35pF

Logic

Logic VCL = 7.8V @ IPP = 16A (TLP)

Static

HF Pd

Battery

Adaptive

Memory

GPIO

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	@ Part	Z Sub	Qty	% y Uh
Part #	p = 8/20 \$	P PK	230	W
Part #	p = 8/20 \$	IPP	20	A

ESD at JE610082

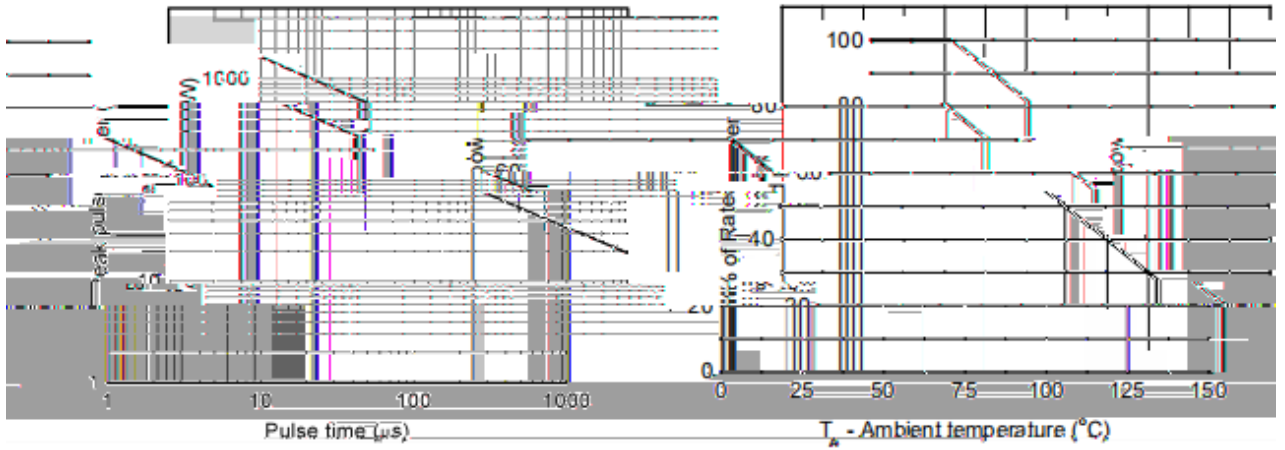
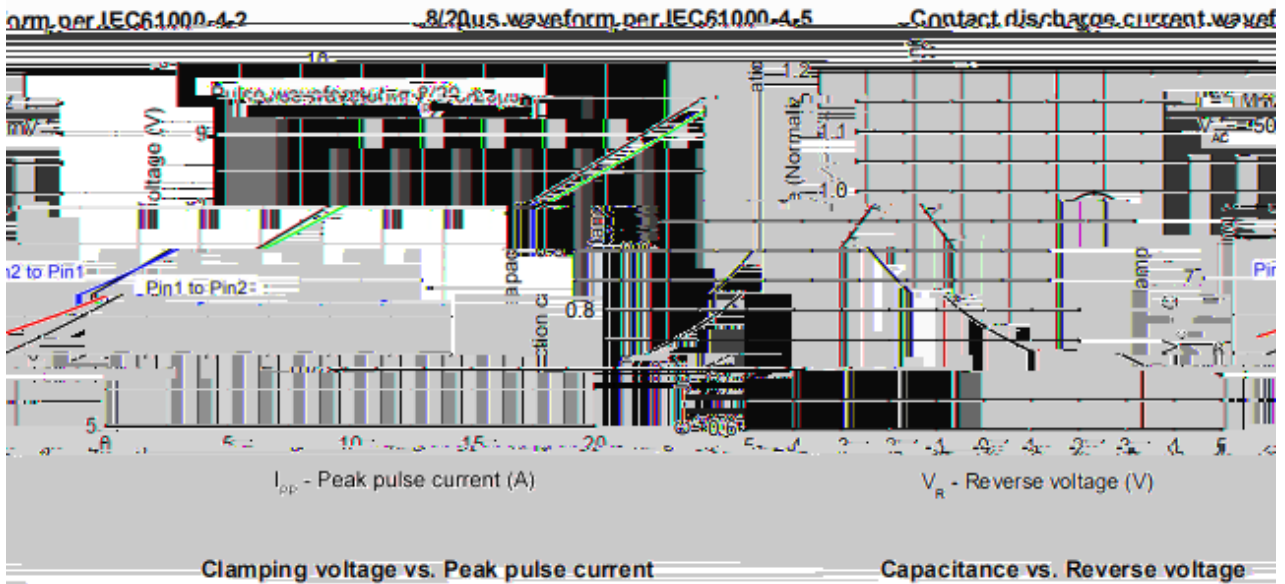
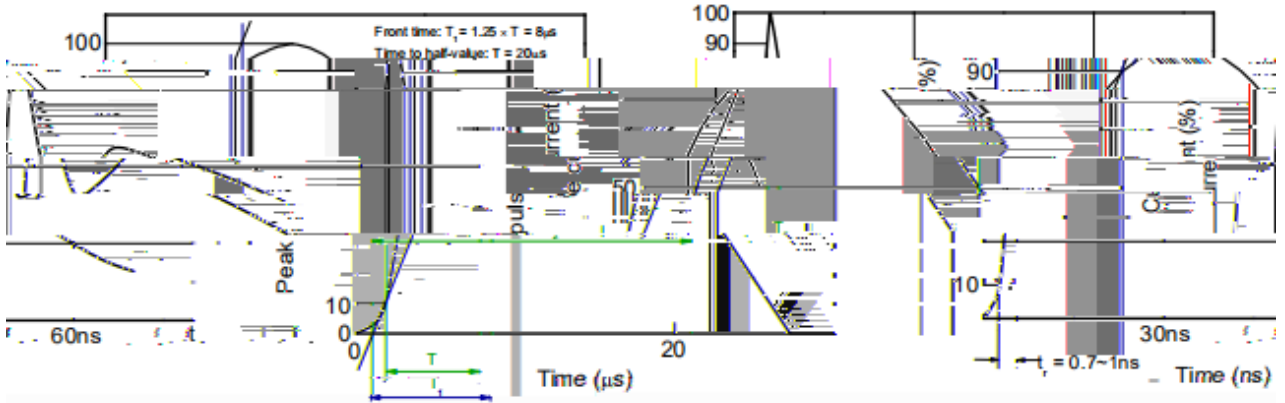
Definitions of electrical characteristics

Symbol	Unit	Test Condition	Min	Typ	Max	%
V_{RWM}	V				5.0	
I_R	A	$V_{RWM} = 5.0V$			100	
V_{BR}	V	$I_{BR} = 1A$	5.1			
I_{HOLD}	A	$V_{HOLD} = 5.0V$	5.1			
V_{CL}	V	$I_{PP} = 16A$	t _{vg} .48 2.7 (1) TJ7.0172 0 0 73#P1T01598 T66/01a			

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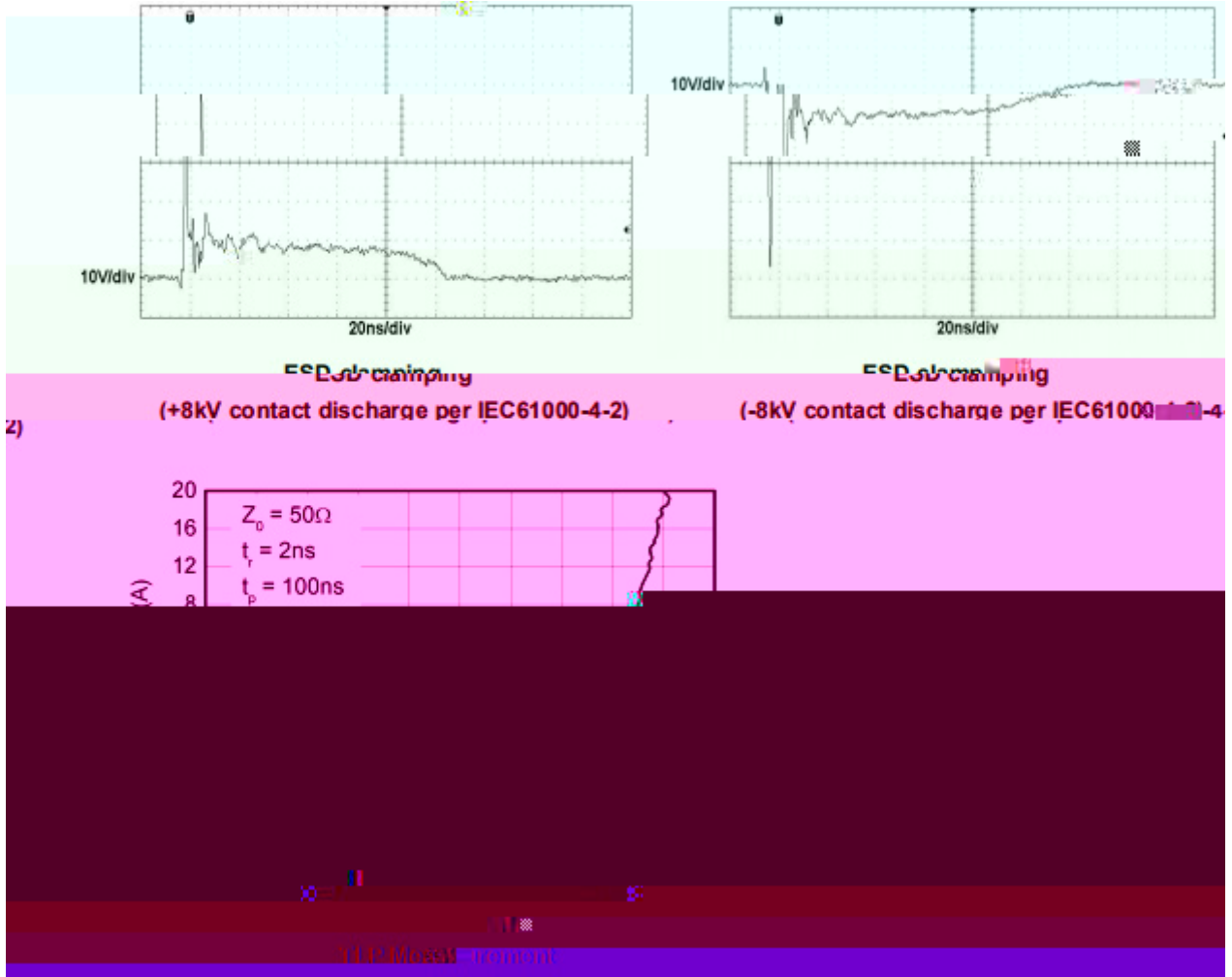
Electrical Characteristic Curve (Ta=25°C)



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Electrical Characteristic Curve(Ta=25 ;)



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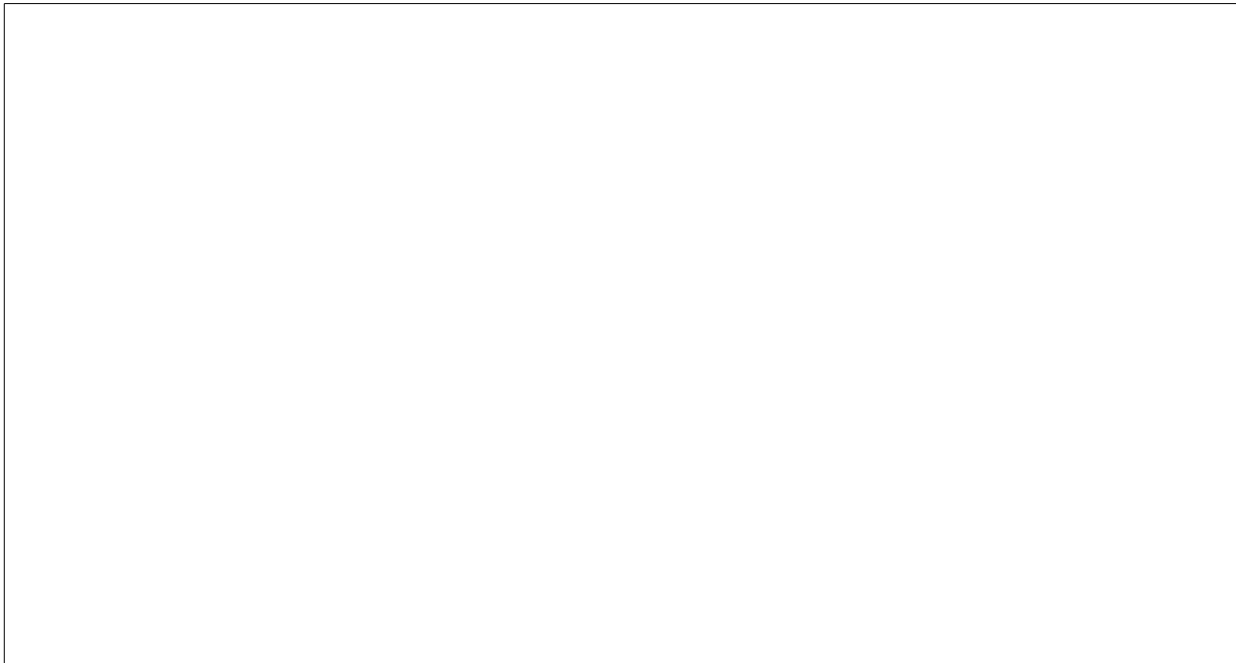
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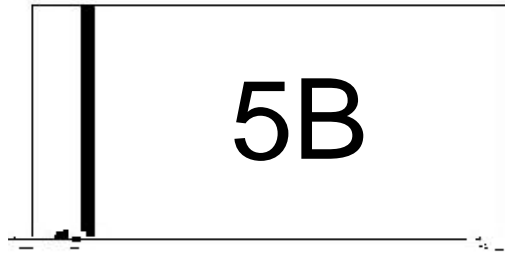
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Ø / =) ⌀ / Package Dimensions





Marking Instructions



“ 5B ”

(5B)

“ Z W A ”

Number of characters

5B

Part code

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WD t ϕ (x /) / : KSVKXGZ [XK 6XULORK LUX / 8 8KLRU] 9 URJKXC

" ϕ y				Nb		
1o ~ %o	150 %180 - k	60 %90e		1. Pkt 150480	- , Tm 6090e	
2o Q	245 r5 - k	4 0 5 r0.5e		2. Pkt 245	r5 - , Dm 5	r0.5e
3o D N ò i 00 ,	2 %10 - /e			3. Ckt 240	- /e	

D /C^a p fl »] / Resistance to Soldering Heat Test Conditions

y 260 r5 -	y 10 r1 e	Tp 260e	Tm 10 ± e
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G P Æ / Packaging SPEC.

2 & x / REEL

Paagp	Units/Reel	Reels/Inner Box	Units/Inner Box	Inner Boxes/Outer Boxes	Units/Outer Box	Reel	Inner Box	Outer Box	(b m ³)
7>β E	/>-	>- /	/	- /ç	/ç				ç ;Eñ F5", Žp"6 - C