

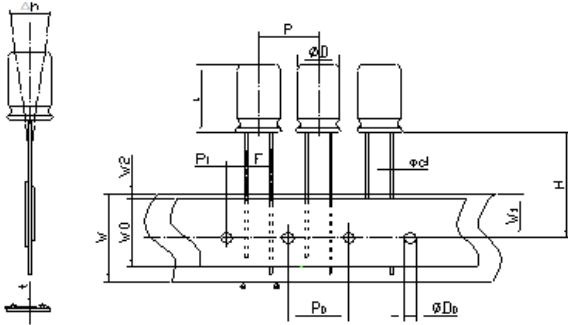
Huawei P/N: PC1C821MG120B50CR0	<b>CHANGZHOU HUAWEI ELECTRONICS CO.,LTD</b> PC 16V 820 $\mu$ F 10*12	Page:1/1
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Customer : Ropla Elektronik Sp. z o.o.

Customer P/N :

## Diagram Of Dimensions

unit: mm



D	10	L	12
$\beta$ Max	+0.5	$\alpha$ Max	+1.0
$d\pm 0.05$	0.6	$P\pm 1.0$	12.7
$P0\pm 0.2$	12.7	$P1\pm 0.5$	3.85
$F+0.3/-0.2$	5.0	$W\pm 0.5$	18.0
$W1\pm 0.5$	9.0	$W2$	$\leq 1.5$
$W0$	$\geq 12$	$H\pm 0.75$	18.5
$D0\pm 0.2$	4.00	$t\pm 0.2$	0.7
$\Delta h$	$\leq 2.0$		

 $\beta$  为 D 值公差 /  $\alpha$  为 L 值公差

Items	Performance				
Operating Temperature Range	-55°C ~ +105°C				
Capacitance Tolerance	-20% ~ +20% (120Hz, 20°C)				
Surge Voltage	18.40VDC				
Leakage Current	$LC \leq 2624\mu A$ After 2 minutes				
Dissipation Factor (Tan $\delta$ )	$\leq 0.08$ (120Hz, 20°C)				
ESR	10m $\Omega$ (100KHz, 25°C)				
Ripple Currents	5400mA (100KHz, +105°C)				
Low Temperature Characteristics(120Hz)	Z-55°C / Z+20°C		$\leq 1.25$		
	Z+105°C / Z+20°C		$\leq 1.25$		
Ripple Current & Frequency Multipliers	Frequency(KHz)	120 $\leq$ Freq < 1K	1K $\leq$ Freq < 10K	10K $\leq$ Freq < 100K	100K $\leq$ Freq < 300K
	Coefficient	0.05	0.30	0.70	1.00
Life Test: Load Life Test: After 2000 Hrs at 105°C Shelf Life Test: After 1000 Hrs at 105°C	Capacitance Change	Within $\pm 20\%$ of initial value			
	Dissipation Factor	Not to exceed 150% of the initial specified value			
	Leakage current	Not to exceed the value specified			
	ESR	Not to exceed 150% of the initial specified value			
Soldering	245 $\pm$ 5°C, 2 $\pm$ 0.5 seconds. soldering must cover more than 95%				
Standards	IEC-60384				
Remarks	RoHS Compliance & Halogen-Free				

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Revise Date					
Edition No.	1		Please return one copy with your approval		