

承認書

SPECIFICATION FOR APPROVAL

客户名稱
CUSTOMER

客户料号
CUS. P/N

尺寸
DIMENSION

CFN120-200D

編號
SERIAL NO.

NO. CF1025411325

日期
DATE

2024年5月8日

出圖 DRAWING		
發行 ISSUE	復核 CHECKED	核準 APPROVAL
趙 利勤	李 新义	王 传军
DATE: 2024/5/8		

承認 CUSTOMER APPROVAL



东莞市灿峰电子有限公司

DONG GUAN CITY CAN FENG ELETRONICS CO., LTD

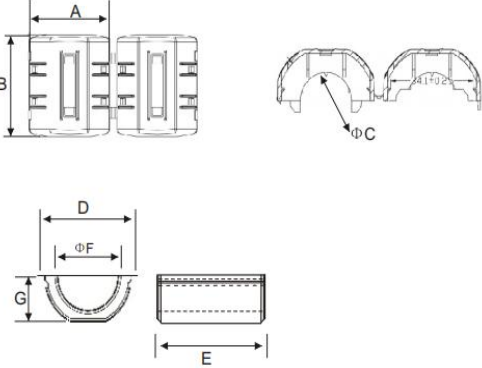
网址: www.canfengele.com E-mail: canfengdianzi@163.com

联系方式

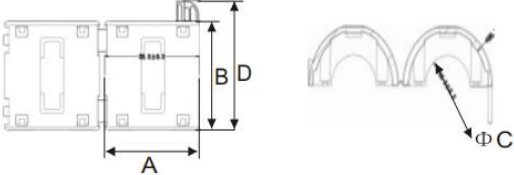
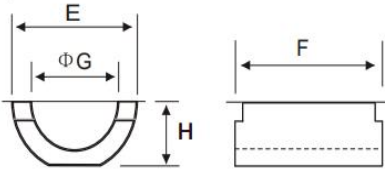
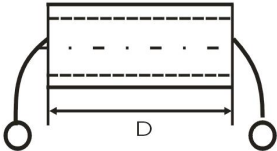
王小姐: 13556646144

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承 認 書
SPECIFICATION FOR APPROVAL

規 格 ITEM	CFN120-200D		編 號 SERIAL NO.		NO. CF1025411325	
1. 形狀尺寸 (單位mm) ; SHAPE & DIMENSION(unit/mm); 			A	40.20 ± 0.3	mm	
			B	46.50 ± 0.3	mm	
			C	21.50 ± 0.3	mm	
			D	35.00 ± 1.5	mm	
			E	41.00 ± 1.5	mm	
			F	20.00 ± 0.8	mm	
			G	17.80 ± 0.2	mm	
2. 電器性能檢測項目 ELECTTRONICAL REQUIREMENTS;						
☐ L		TEST FREQ		測試儀器 TESTING INSTRUMENTS		
☐ Q		TEST FREQ	KHZ MHZ	1. Q-METER: ☐ HP-4342A ☐ MQ-172		
☒ Z	Z1=165 Ω MIN 25MHZ	KHZ	Z3=	KHZ MHZ	2. LCR-METER: ☐ TH2826	
	Z2=270 Ω MIN 100MHZ	KHZ	Z4=	KHZ MHZ	3. IMPEDANCE ANALYZER: ☐ HP-4191A ☐ Agilent 16092A ☒ E4991A	
溫 度 TEMP	25±5℃	濕 度 HUMIDITY	60±8%		4. L-METER: ☐ TH-2775B	
繞 線: WINDING	Z: Φ 0.5*100L(mm)*0.5TS			5. DIGITAL MINI-OHM METER: VP2941A		
3. 外 观 THE LIMIT OF BREAKAGE:						
項 目 Item			標準值 Standard Value			
一處缺陷的面积 Area of a breakage			≤1mm ²			
总缺陷面积 ALL area of the breakage			≤2mm ²			
缺陷深度 The depth of the breakge			≤0.4mm			
毛刺长度 The length of burr			≤0.2mm			
4. 包 裝 PACKAGING:						
內包裝采用泡塑盒，外包裝采用紙箱，每箱產品外面都蓋上标签（包括品名、數量、批號、檢驗員）。 Inner packing gdopts foam plastics box,outer packing adopts carton and each carton should have a qualified label outside(include the variey,quantity,batch number and inspector).						

檢 測 數 據
INSPECTION DATA

規 格 ITEM	CFN120-200D					編 號 SERIAL NO.		NO. CF1025411325						
1. 形狀尺寸(單位/毫米): SHAPE & DIMENSION(unit:mm): 外殼尺寸:  磁芯尺寸: 							☐ L							
							☐ Q				KHZ MHZ			
							☒ Z		Z1=165 Ω MIN KHZ 25MHZ		Z1= KHZ MHZ			
									Z2=270 Ω MIN KHZ 100MHZ		Z4= KHZ MHZ			
							溫 度 TEMP		25±5℃		濕 度 HUMIDITY		60±8%	
							繞 线: WINDING		Z: Φ 0.5*100L(mm)*0.5TS					
項 目 ITEM	电 气 性 能 ELECTRONIC CHARACTERISTICS						尺 寸 DIMENSION(unit:mm)							
	Q	L(μ H)	Z1(Ω)	Z2(Ω)	Z3(Ω)	Z4(Ω)	D	E	F					
			165	270			35	41	20					
+			/	/			1.5	1.5	1					
—			0	0			1.5	1.5	1					
1			189.8	270.8			34.97	41.12	20.04					
2			196.4	271.6			34.86	41.04	20.06					
3			196.0	271.4			34.44	41.16	20.02					
4			195.6	272.2			34.55	41.29	20.10					
5			196.2	271.1			34.48	41.04	19.98					
6			195.9	270.0			34.51	41.33	19.94					
7			196.9	271.1			35.07	40.92	20.10					
8			195.9	269.7			34.55	40.96	20.10					
9			195.1	270.3			34.79	41.12	19.98					
10			196.2	270.8			35.03	41.20	20.00					
X			195.4	270.9			34.72	41.12	20.03					
Y/N			Y	Y			Y	Y	Y					
2. 測試儀器 TESTING INSTRUMENTS E4991A+16092A 							檢 測 INSPECTION		復 核 CHECK		確 認 APPROVAL			
														

IMPEDANCE V.S.FREQUENCY (Z-Y)

The graph shows the impedance of a 100 pF capacitor as a function of frequency. The y-axis is Impedance in Ohms (Ω) on a logarithmic scale from 1 to 1000. The x-axis is Frequency in MHz on a logarithmic scale from 1 to 500. The curve starts at approximately 20 Ω at 1 MHz and increases linearly on the log-log scale, reaching about 400 Ω at 100 MHz. It then rises more steeply, peaking at approximately 800 Ω around 400 MHz, before slightly decreasing.

Frequency (MHz)	Impedance (Ω)
1	~20
10	~100
100	~400
400	~800
500	~600

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