

承認書

SPECIFICATION FOR APPROVAL

客户名稱
CUSTOMER

客户料号
CUS. P/N

尺寸
DIMENSION

CT2-17.5x6.4x9.5

編號
SERIAL NO.

NO. CF1026132144

日期
DATE

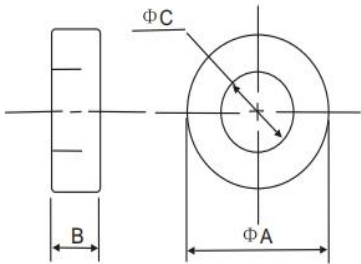
2023年6月12日

出圖 DRAWING		
發行 ISSUE	復核 CHECKED	核準 APPROVAL
趙 利勤	李 新义	王 传军
DATE: 2023/6/12		

承認 CUSTOMER APPROVAL

承 認 書

SPECIFICATION FOR APPROVAL

規 格 ITEM	CT2-17.5x6.4x9.5		編 號 SERIAL NO.		NO. CF1026132144	
1. 形狀尺寸（單位mm）； SHAPE & DIMENSION(unit/mm); 			A	17.50 ± 0.5	mm	
			B	6.40 ± 0.5	mm	
			C	9.50 ± 0.4	mm	
			D			
			E			
			F			
			G			
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=20 Ω MIN KHZ 25MHZ	Z3=	KHZ MHZ	2. LCR-METER: ☐ TH2826		
	Z2=70 Ω MIN KHZ 100MHZ	Z4=	KHZ MHZ	3. IMPEDANCE ANALYZER: ☒ HP-4191A ☐ Agilent 16092A ☐ TH2826		
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		CT2-17.5x6.4x9.5				編 號 SERIAL NO.		NO. CF1026132144					
1. 形壯尺寸(单位/毫米): SHAPE & DIMENSION(unit:mm): = 						☐ L							
						☐ Q				KHZ MHZ			
						☒ Z		Z1=20 Ω MIN KHZ 25MHZ		Z1= KHZ MHZ			
								Z2=70 Ω MIN KHZ 100MHZ		Z4= KHZ MHZ			
						溫 度 TEMP		25±5℃		濕 度 HUMIDITY		60±8%	
						绕 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)	A	B	C	D	E	F	
			20	70			17.5	6.4	9.5				
+			/	/			0.5	0.5	0.4				
—			0	0			0.5	0.5	0.4				
1			32.6	114.1			17.48	6.42	9.52				
2			32.3	111.2			17.43	6.41	9.53				
3			32.8	107.5			17.53	6.43	9.51				
4			33.9	103.5			17.46	6.48	9.55				
5			33.1	112.7			17.43	6.40	9.49				
6			34.1	111.1			17.57	6.49	9.47				
7			32.2	108.2			17.54	6.41	9.55				
8			33.3	106.6			17.57	6.43	9.55				
9			33.2	108.9			17.53	6.44	9.49				
10			33.3	115.0			17.52	6.47	9.50				
X			33.1	109.9			17.51	6.44	9.52				
Y/N			Y	Y			Y	Y	Y				
2. 測試儀器 TESTING INSTRUMENTS HP 4191A 						檢 測 INSPECTION		復 核 CHECK		确 認 APPROVAL			
						赵 利勤		李 新义		王 传军			

IMPEDANCE V.S.FREQUENCY (Z-Y)

材质特性： MATERIAL CHARACTERISTICS

Unit symbol	μ_i $\pm 20\%$	$\tan \delta / \mu_i$ $\times 10^{-6}$	$\alpha_{\mu_i \gamma}$ $\times 10^{-6}$	Bs (MT)	Br (MT)	HC (A/m)	Tc (°C)	ρ ($\Omega \cdot m$)	F Mhz	d g/cm ³
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The graph illustrates the frequency dependence of the impedance of a 100 pF capacitor. The x-axis represents Frequency in MHz, ranging from 1 to 1000 on a logarithmic scale. The y-axis represents Impedance in Ohms (Ω), ranging from 1 to 1000 on a logarithmic scale. The curve shows that the impedance increases as the frequency increases, following the relationship $Z = 1/(2\pi fC)$.

Frequency (MHz)	Impedance (Ω)
1	~1.6
10	~16
100	~160
316	1000

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