

Product Specification

Number: L-KLS18-SCRC-36329

Name: Magnetic ring

Customer: B36

Date: 2023-01-04

Customer Signature:

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NINGBO KLS ELECTRONIC CO; LTD

Tel : 0086-574-86828566

Fax : 0086-574-86824882

ADD : NO. 8-1, RONGXIA RD. XIAPU SHANQIAN
INDUSTRIAL ZONE BEILUN NINGBO ZHEJIANG.

Compi	Check	Review	Approva
Jenny	Jack.C		

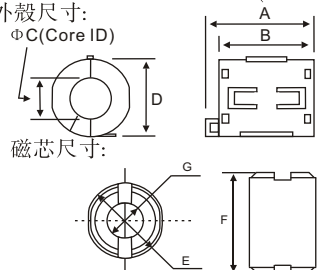

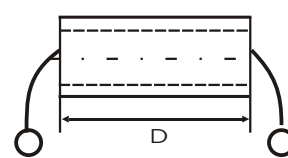
承 認 書

SPECIFICATION FOR APPROVAL

客戶名稱 CUSTOMER	B36	日期 DATE	2023-01-04
規 格 ITEM	Magnetic ring	編 號 SERIAL NO.	L-KLS18-SCRC-36329
<p>1.1. 形狀尺寸(單位/毫米): SHAPE & DIMENSION(unit/mm):</p> <p>外殼尺寸: ΦC(Core ID)</p>  <p>磁芯尺寸:</p> 		<p>1.2. 實物圖: The Sample::</p> 	
		A	36.0 ± 1.0 mm
		B	32.0 ± 1.0 mm
		C	9.0 ± 1.0 mm
		D	19.5 ± 1.0 mm
		E	16 ± 0.5 mm
		F	28.2 ± 0.7 mm
		G	9 ± 0.4 mm
		H	
<p>2. 電氣性能檢測項目: ELECTRICAL REQUIREMENTS:</p>		<p>測試儀器 TEST INSTRUMENTS</p>	
<input type="checkbox"/> L		TEST FREQ	KHZ MHZ
<input type="checkbox"/> Q		TEST FREQ	KHZ MHZ
<input checked="" type="checkbox"/> Z	Z1= 65Ω MIN	KHZ 25MHZ	Z2=125Ω MIN
	Z3= /	KHZ MHZ	Z4= /
溫度 TEMP	℃	濕 度 HUMIDITY	%
線 組 WINDING	Φ0.5x0.5TSx100L(mm)		
<p>3. 磁 芯 外 觀: THE LIMIT OF CORE BREAKAGE:</p>		<p>1. Q-METER: ○ HP 4342A ○ MQ-172</p> <p>2. L.C.R. METER: ○ HP 4284A</p> <p>3. IMPEDANCE ANALYZER: ○ HP 4396B ○ HP 4191A ØE4991A ØAgilent 16194A-TESTFIXTURE</p> <p>4. L-METER: ○ TH 2817A</p> <p>5. DIGITAL MINI-OHM METER: ○ VP2941A</p>	
		標準值 Standard Value	
項 目 Item			
一處缺陷的面積 Area of a breakage			≤1mm ²
總缺陷面積 All area of the breakage			≤2mm ²
缺陷深度 The depth of the breakage			≤0.4mm
毛刺長度 The length of burr			≤0.2mm
<p>4. 包 裝: PACKAGING:</p> <p>內包裝採用泡塑盒, 外包裝採用紙箱, 每箱產品外面都蓋上合格章(包括品名、數量、批號、檢驗員)。 Inner packing adopts foam plastics box, outer packing adopts carton and each carton should have a qualified chapter label outside(include the variety, quantity, batch number and inspector).</p>			

檢驗數據

INSPECTION DATA

客戶名稱 CUSTOMER	B36				日期 DATE	2023-01-04			數量 QUANTITY	10PCS		
編號 SERIAL NO.	L-KLS18-SCRC-36329				形狀尺寸(單位/毫米): SHAPE & DIMENSION(unit/mm): 外殼尺寸: 				實物圖: The Sample: 			
規格 ITEM	Magnetic ring											
繞組 WINDING	Φ0.5x0.5TSx100L(mm)											
測試頻率 TEST FREQ	Z1= $\frac{\text{KHZ}}{25 \text{ MHZ}}$	Z2= $\frac{\text{KHZ}}{100 \text{ MHZ}}$	Z3= $\frac{\text{KHZ}}{\text{MHZ}}$	Z4= $\frac{\text{KHZ}}{\text{MHZ}}$								
溫度 TEMP	℃	濕度 HUMIDITY										
項目 TEST ITEM	電氣性能 ELECTRIC CHARACTERISTICS				尺寸(單位:毫米) DIMENSION(unit:mm)							
	L(μ H) (MH)	Z1(Ω)	Z2(Ω)	Z3(Ω)	Z4(Ω)	A	B	C	D	E	F	G
	65	125				36.0	32.0	9.0	19.5	16	28.2	9
+	/	/				1.0	1.0	1.0	1.0	0.5	0.7	0.4
-	0	0				1.0	1.0	1.0	1.0	0.5	0.7	0.4
1	88.2	165.6				35.60	31.40	8.90	20.10	15.70	28.08	8.68
2	87.6	166.0				35.70	31.30	8.93	19.90	15.60	28.06	8.66
3	88.8	166.2				35.40	31.50	8.96	20.05	15.57	28.14	8.81
4	90.4	165.8				35.50	31.36	8.99	20.06	15.69	28.15	8.74
5	89.0	166.4				35.56	31.42	8.98	19.99	15.62	28.09	8.69
6	89.8	165.6				35.48	31.39	8.95	19.96	15.63	28.06	8.75
7	90.6	165.7				35.69	31.44	8.92	20.04	15.64	28.04	8.71
8	89.2	166.3				35.52	31.52	8.91	20.01	15.68	28.11	8.78
9	89.4	165.8				35.58	31.38	8.94	20.07	15.59	28.13	8.77
10	90.0	166.0				35.47	31.47	8.97	19.98	15.67	28.05	9.73
\bar{X}	89.30	165.94				35.55	31.41	8.94	20.01	15.63	28.09	8.73
Y/N	Y					Y	Y	Y	Y	Y	Y	Y
測試儀器: TEST INSTRUMENTS: E4991A+16194A 						檢 驗 INSPECTED	復 核 CHECKED	確 認 APPROVED				
						Jenny	Julia	Kandy				

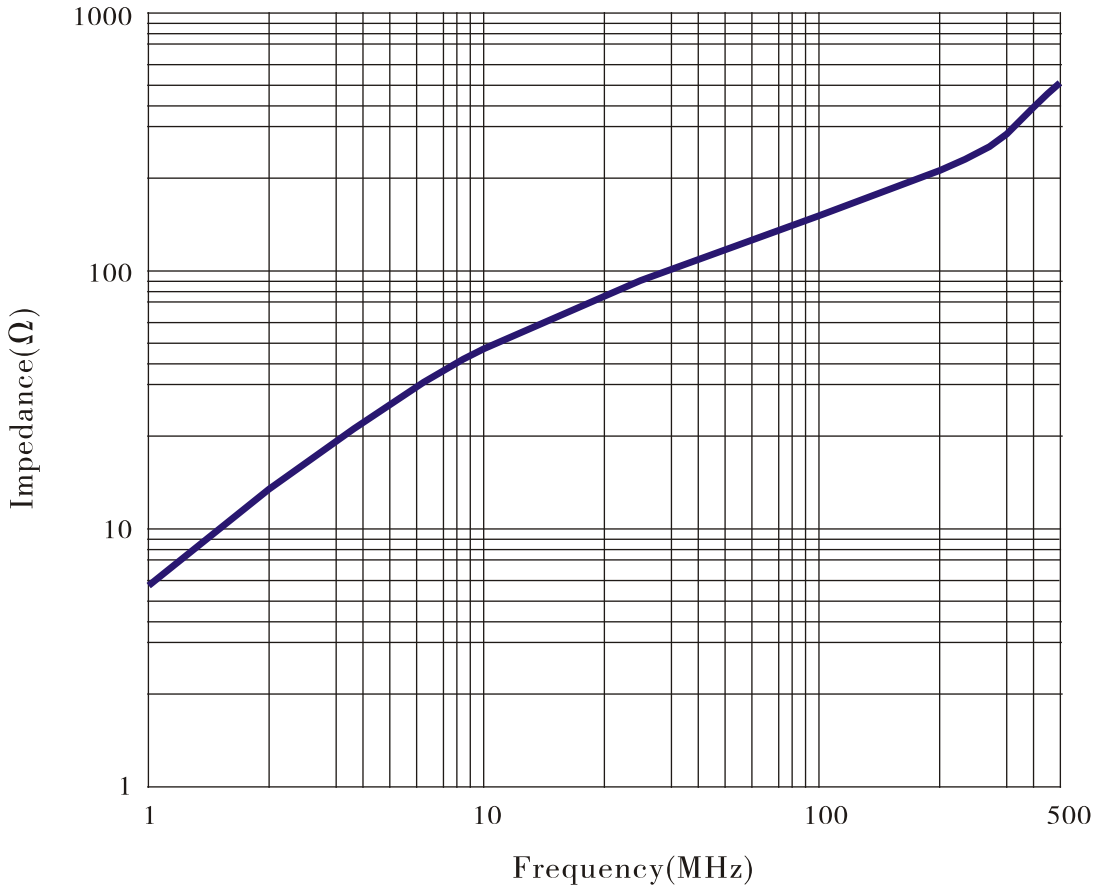
阻抗 - 頻率曲綫

IMPEDANCE V.S FREQUENCY (Z-Y)

客戶名稱 CUSTOMER	B36	日期 DATE	2023-01-04
規格 ITEM	Magnetic ring	編號 SERIAL NO.	L-KLS18-SCRC-36329

材質特性 MATERIAL CHARACTERISTICS

材料牌號 Material	初始磁導率 Initial Permeability	比損耗因子 Relative Loss Factor	比溫度系數 Relative Temperature Coefficient	飽和磁通密度 Saturation Magnetic Flux Density	剩磁 Remanence	矯頑力 Coercivity	居裏溫度 Curie Temperature	電阻率 Electrical Resistivity	密度 Density
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 ($\Omega \cdot m$)	d g/cm ³
F9	850	16 (0.1MHz)	5 - 10	280(1600A/m)	200	20	>130	>10 ⁵	4.6



測試條件：
TESTING CONDITION:

1. 測試儀器: E4991A+16194A
Testing Equipment:
2. 測試頻率區間: 1-500MHz
Testing Frequency Range:
3. 測試綫組: $\Phi 0.5 \times 0.5 \text{TS} \times 100 \text{L}(\text{mm})$
Testing Coil Specification:

測試 TESTED	復核 CHECKED	確認 APPROVED
Jenny	Julia	Kandy