

Product Specification

Number: L-KLS18-SCRC-19189

Name: Magnetic ring

Customer: B36

Date: 2023-01-04

Customer Signature:

--



NINGBO KLS ELECTRONIC CO; LTD

Tel : 0086-574-86828566

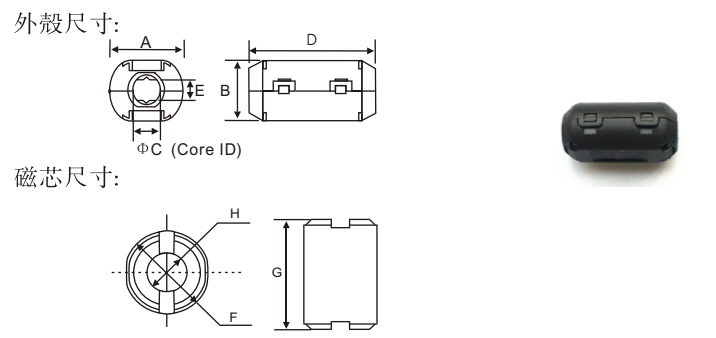
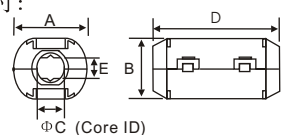
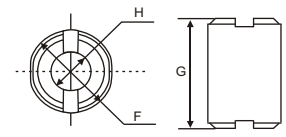
Fax : 0086-574-86824882

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

Compi	Check	Review	Approva
Jenny	Jack.C		

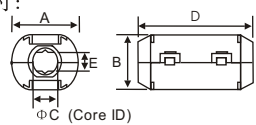
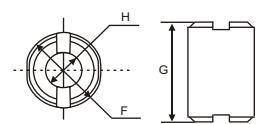

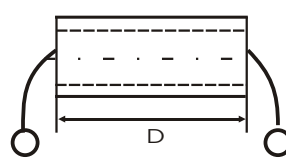
承 認 書

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-19189						
1.1. 形狀尺寸(單位/毫米): SHAPE & DIMENSION(unit/mm): 1.2. 實物圖: The Sample::									
1.1. 形狀尺寸(單位/毫米): SHAPE & DIMENSION(unit/mm): 外殼尺寸:  磁芯尺寸: 		A: 19.5 ± 1.0 mm B: 18.0 ± 1.0 mm C: 9.0 ± 0.8 mm D: 35.0 ± 1.0 mm E: 5.5 ± 1.0 mm F: 16 ± 0.5 mm G: 28 ± 0.7 mm H: 9 ± 0.4 mm							
2. 電氣性能檢測項目: ELECTRICAL REQUIREMENTS:		測試儀器 TEST INSTRUMENTS							
<input type="checkbox"/> L		TEST FREQ	KHZ MHZ						
<input type="checkbox"/> Q		TEST FREQ	KHZ MHZ						
<input checked="" type="checkbox"/> Z	Z1= 60Ω MIN	25 KHZ	Z2=130 Ω MIN						
	Z3= /	KHZ MHZ	Z4= /						
溫度 TEMP	℃	濕度 HUMIDITY	%						
線 組 WINDING Φ0.5x0.5TSx100L(mm)									
3. 外觀標準: 依下表對照檢索: THE LIMIT OF BREAKAGE: CHECKED BELOW:									
OD (mm)	0~5	5.1~10	10.1~15	15.1~20	20.1~25	25.1~30	30.1~35	35以上	
缺陷面积 Defect area (mm ²)	≦1	≦2	≦3	≦4	≦5	≦6	≦7	≦8	
缺陷个数 Number of defects (≡)	1	2	3	3	3	3	2	2	
4. 材質特性 MATERIAL CHARACTERISTICS									
材料 牌號 Mate- rial	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 Reman- ence	矯頑力 Coercivity	居裏溫度 Curie Tempera- ture	電阻率 Electrical Resistivity	密度 Density
Unit symbol	μ _i ±20%	Tan δ / μ _i ×10 ⁻⁶	α μ _i γ ×10 ⁻⁶	Bs (MT)	Br (MT)	HC (A/m)	Tc (°C)	ρ (Ω · m)	d g/cm ³
F9	1000	20 (0.1MHz)	2 - 5	260(1600A/m)	150	35	>140	>10 ⁵	4.6

檢驗數據

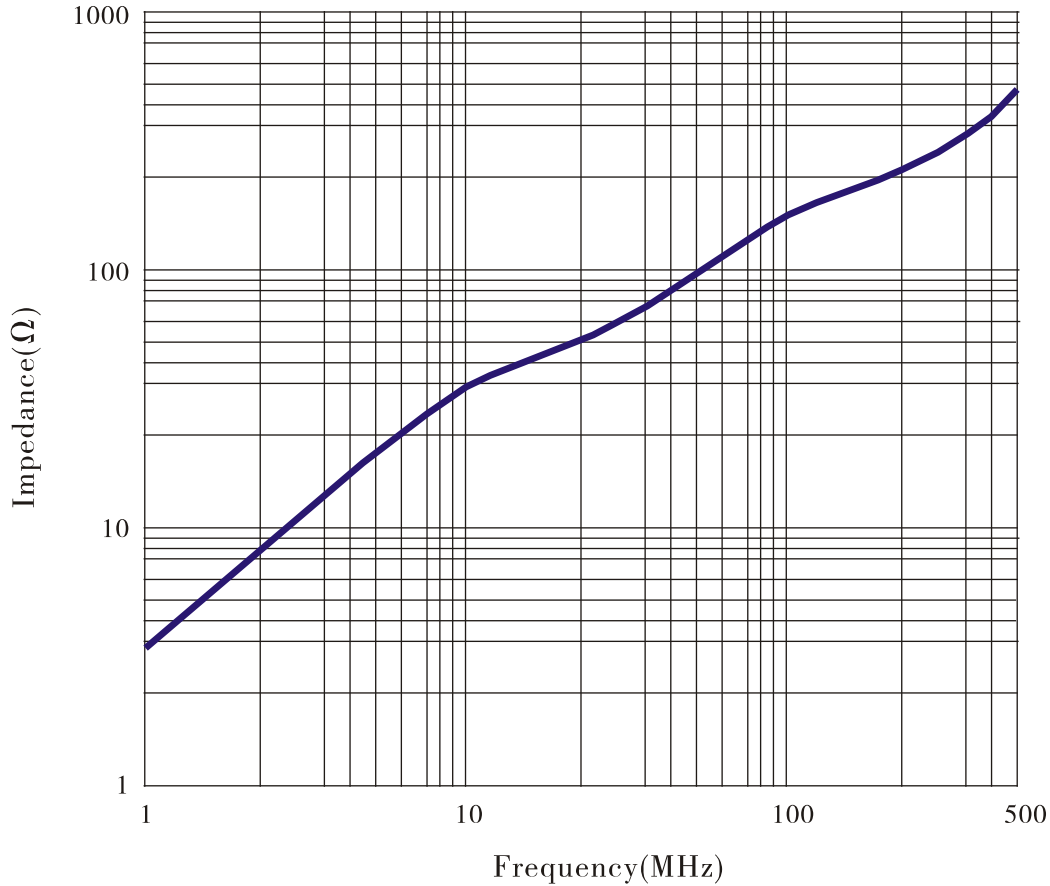
INSPECTION DATA

客戶名稱 CUSTOMER	B36				日期 DATE	2023-01-04			數量 QUANTITY	5PCS		
編號 SERIAL NO.	L-KLS18-SCRC-19189				1.1 形狀尺寸(單位:毫米): SHAPE & DIMENSION(unit:mm): 外殼尺寸:  磁芯尺寸: 					實物圖: The Sample:: 		
規格 ITEM	Magnetic ring											
綫組 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)							
	Z1(Ω)	Z2(Ω)	Z3(Ω)	Z4(Ω)	A	B	C	D	E	F	G	H
	60	130			19.5	18.0	9.0	35.0	5.5	16	28	9
+	/	/			1.0	1.0	0.8	1.0	1.0	0.5	0.7	0.4
-	0	0			1.0	1.0	0.8	1.0	1.0	0.5	0.7	0.4
1	75.8	170.8			19.30	18.40	8.60	35.40	5.50	15.70	27.78	8.68
2	76.0	171.0			19.40	18.30	8.80	35.50	5.60	15.60	27.66	8.66
3	75.7	176.7			19.39	18.31	8.70	35.48	5.40	15.57	27.64	8.81
4	75.9	175.5			19.37	18.33	8.63	35.46	5.45	15.69	27.65	8.74
5	75.7	175.7			19.35	18.35	8.72	35.44	5.52	15.62	27.69	8.69
6	74.9	174.6			19.33	18.37	8.69	35.42	5.48	15.63	27.66	8.75
7	75.3	172.2			19.38	18.39	8.71	35.47	5.53	15.64	27.74	8.71
8	75.4	175.6			19.36	19.32	8.68	35.49	5.47	15.68	27.71	8.78
9	75.9	175.8			19.34	19.34	8.64	35.42	5.49	15.59	27.73	8.77
10	76.2	176.4			19.32	18.36	8.67	35.48	5.51	15.67	27.75	9.73
\bar{X}	76.9	176.9			19.35	18.34	8.68	35.45	5.49	15.63	27.70	8.73
Y/N	Y	Y			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-19189



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:

說明Note:

本承認書在客戶收到7天之內，須簽章返回，逾期視為默認。

The Specification Approval is required to be sent back to the supplier with customer's chop or signature on it within 4 days after receiving it, or we will take it as approved by customer automatically.

測試 TESTED	復核 CHECKED	確認 APPROVED
Jenny	Julia	Kandy