



深圳市首韩科技有限公司

SHENZHEN SHOUHAN TECHNOLOGY CO., LTD

Tel: 0755-27597601 Fax: 0755-27597491

承认书
SPECIFICATION FOR APPROVAL

客户 Customer:

产品名称 Project:

磁环


规格型号 Part No:

SHKJ 2035-0930A

贵公司承认印 Approval signatures

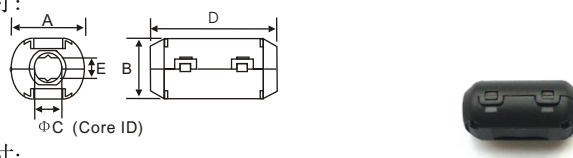
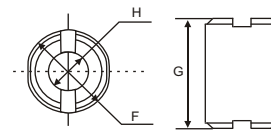
料号/Part No.	签章/Signatures

日期 Date:

拟制/Drawn	李春风	
审核/Check	钟华华	
批准/Approved	罗孝金	

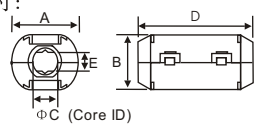
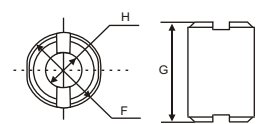

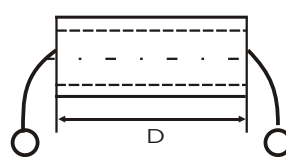
承認書

SPECIFICATION FOR APPROVAL

客戶名稱 CUSTOMER		日期 DATE	2021.06.30.																														
規格 ITEM	SHKJ 2035-0930A	編號 SERIAL NO.																															
<p>1.1. 形狀尺寸(單位/毫米): SHAPE & DIMENSION(unit/mm):</p> <p>1.2. 實物圖: The Sample::</p> <p>外殼尺寸: Core ID</p>  <p>磁芯尺寸:</p> 		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 10%;">A</td><td style="width: 90%;">19.5 ± 1.0 mm</td></tr> <tr><td>B</td><td>18.0 ± 1.0 mm</td></tr> <tr><td>C</td><td>9.0 ± 0.8 mm</td></tr> <tr><td>D</td><td>35.0 ± 1.0 mm</td></tr> <tr><td>E</td><td>5.5 ± 1.0 mm</td></tr> <tr><td>F</td><td>16 ± 0.5 mm</td></tr> <tr><td>G</td><td>28 ± 0.7 mm</td></tr> <tr><td>H</td><td>9 ± 0.4 mm</td></tr> </table>	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															
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<p>2. 電氣性能檢測項目: ELECTRICAL REQUIREMENTS:</p>		<p>測試儀器 TEST INSTRUMENTS</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-OHMMETER: ○ VP2941A</p>																															
<input type="checkbox"/> L		TEST FREQ	KHZ MHZ																														
<input type="checkbox"/> Q		TEST FREQ	KHZ MHZ																														
<input checked="" type="checkbox"/> Z	Z1= 70Ω MIN KHZ 25 MHZ	Z2= 130Ω MIN KHZ 100 MHZ																															
	Z3= / KHZ MHZ	Z4= / KHZ MHZ																															
溫度 TEMP	℃	濕度 HUMIDITY	%																														
綫組 WINDING	Φ0.5x0.5TSx100L(mm)																																
<p>3. 外觀標準: 依下表對照檢索: THE LIMIT OF BREAKAGE: CHECKED BELOW:</p> <table border="1" style="width: 100%; border-collapse: collapse; border-style: dashed;"> <thead> <tr> <th style="text-align: center;">OD (mm)</th> <th style="text-align: center;">0~5</th> <th style="text-align: center;">5.1~10</th> <th style="text-align: center;">10.1~15</th> <th style="text-align: center;">15.1~20</th> <th style="text-align: center;">20.1~25</th> <th style="text-align: center;">25.1~30</th> <th style="text-align: center;">30.1~35</th> <th style="text-align: center;">35以上</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">缺陷面积 Defect area (mm²)</td> <td style="text-align: center;">≦1</td> <td style="text-align: center;">≦2</td> <td style="text-align: center;">≦3</td> <td style="text-align: center;">≦4</td> <td style="text-align: center;">≦5</td> <td style="text-align: center;">≦6</td> <td style="text-align: center;">≦7</td> <td style="text-align: center;">≦8</td> </tr> <tr> <td style="text-align: center;">缺陷个数 Number of defects (≦)</td> <td style="text-align: center;">1</td> <td style="text-align: center;">2</td> <td style="text-align: center;">3</td> <td style="text-align: center;">3</td> <td style="text-align: center;">3</td> <td style="text-align: center;">3</td> <td style="text-align: center;">2</td> <td style="text-align: center;">2</td> </tr> </tbody> </table>				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			
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<p>4. 材質特性 MATERIAL CHARACTERISTICS</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>材料 牌號 Mate- rial</th> <th>初始磁導率 Initial Permeability</th> <th>比損耗因子 Relative Loss Factor</th> <th>比溫度系數 Relative Temperature Coefficient</th> <th>飽和磁通密度 Saturation Magnetic Flux Density</th> <th>剩磁 Reman- ence</th> <th>矯頑力 Coercivity</th> <th>居裏溫度 Curie Tempera- ture</th> <th>電阻率 Electrical Resistivity</th> <th>密度 Density</th> </tr> <tr> <th>Unit symbol</th> <th>μ_i ±20%</th> <th>Tan δ / μ_i ×10⁻⁶</th> <th>α μ_i γ ×10⁻⁶</th> <th>B_s (MT)</th> <th>Br (MT)</th> <th>HC (A/m)</th> <th>T_c (°C)</th> <th>ρ (Ω · m)</th> <th>d g/cm³</th> </tr> </thead> <tbody> <tr> <td>F9</td> <td>850</td> <td>16 (0.1MHz)</td> <td>5 - 10</td> <td>280(1600A/m)</td> <td>200</td> <td>20</td> <td>>130</td> <td>>10⁵</td> <td>4.6</td> </tr> </tbody> </table>				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	B _s (MT)	Br (MT)	HC (A/m)	T _c (°C)	ρ (Ω · m)	d g/cm ³	F9	850	16 (0.1MHz)	5 - 10	280(1600A/m)	200	20	>130	>10 ⁵	4.6
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檢驗數據

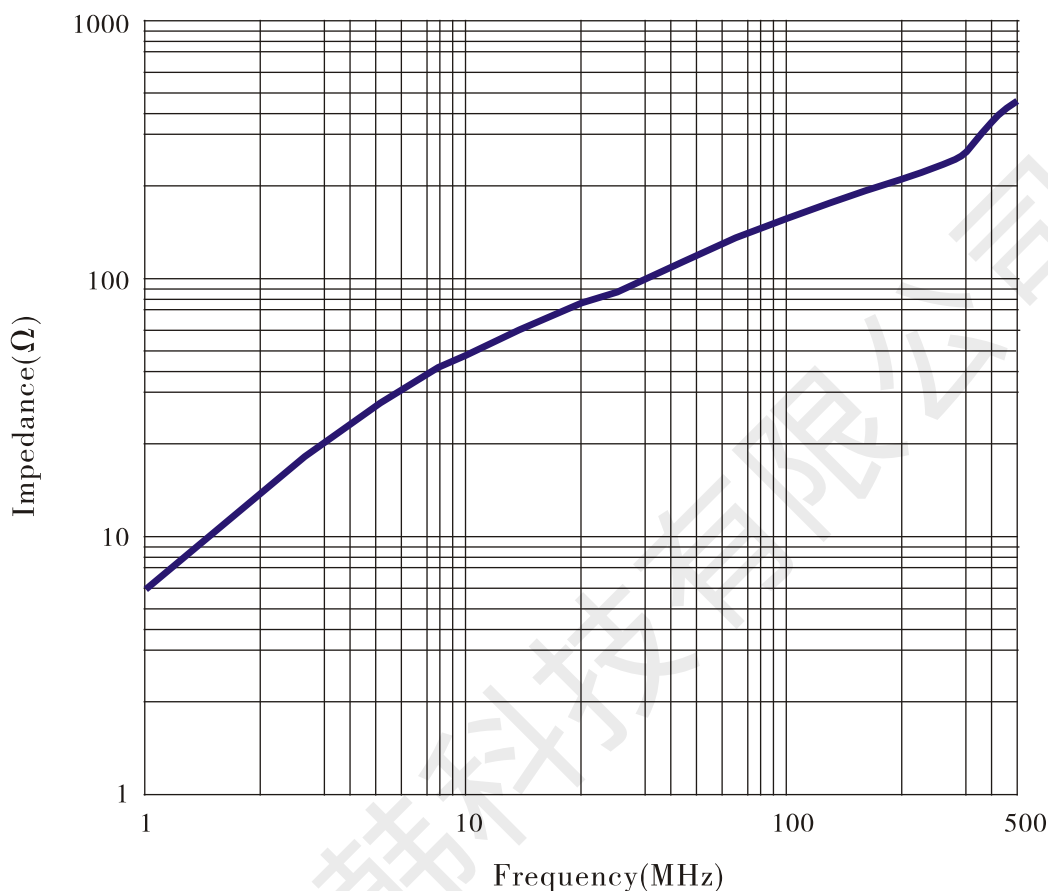
INSPECTION DATA

客戶名稱 CUSTOMER					日期 DATE	2021.06.30.			數量 QUANTITY	5PCS			
編號 SERIAL NO.					1.1 形狀尺寸(單位:毫米): SHAPE & DIMENSION(unit:mm):					實物圖: The Sample::			
規格 ITEM	SHKJ 2035-0930A				外殼尺寸: 								
綫組 WINDING	Φ0.5x0.5TSx100L(mm)				磁芯尺寸: 								
測試頻率 TEST FREQ	Z1= 25 KHZ 25 MHZ	Z2= 100 KHZ 100 MHZ	Z3= / KHZ / MHZ	Z4= / KHZ / 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	
	70	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	86.6	170.0			19.30	18.40	8.60	35.40	5.50	15.70	27.78	8.68	
2	87.7	169.5			19.40	18.30	8.80	35.50	5.60	15.60	27.66	8.66	
3	87.2	169.9			19.39	18.31	8.70	35.48	5.40	15.57	27.64	8.81	
4	86.6	170.1			19.37	18.33	8.63	35.46	5.45	15.69	27.65	8.74	
5	87.6	170.6			19.35	18.35	8.72	35.44	5.52	15.62	27.69	8.69	
6	87.3	170.2			19.33	18.37	8.69	35.42	5.48	15.63	27.66	8.75	
7	87.8	169.0			19.38	18.39	8.71	35.47	5.53	15.64	27.74	8.71	
8	86.2	169.4			19.36	19.32	8.68	35.49	5.47	15.68	27.71	8.78	
9	86.9	169.5			19.34	19.34	8.64	35.42	5.49	15.59	27.73	8.77	
10	87.5	170.3			19.32	18.36	8.67	35.48	5.51	15.67	27.75	9.73	
\bar{X}	87.14	169.85			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	
					吳小平			钟华华		罗孝金			

阻抗 - 頻率曲綫

IMPEDANCE V.S FREQUENCY (Z-Y)

客户名稱 CUSTOMER		日期 DATE	2021.06.30.
規格 ITEM	SHKJ 2035-0930A	編號 SERIAL NO.	



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: Φ0.5x0.5TSx100L(mm)
Testing Coil Specification:

說明Note:

本承認書在客户收到7天之内，須簽章返回，逾期視爲默認。

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
吴小平	钟华华	罗孝金