



SPECIFICATION FOR APPROVAL

:
CUSTOMER: _____

:
CUST P/N: _____ RHY-KX255-XQ-02 _____

:
LCX P/N: _____ **LCX-KH187010** _____

:
DESC: _____ **Ø14.9*34-0.06*90P-12TS-70-37LOC/10-BJ** _____

:
DATE: _____ **2026/4/9** _____

:
Version: _____ **A.0** _____

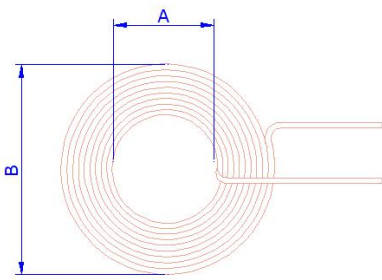
PREPARED BY	CHECKED BY	APPROVED BY	CUSTOMER APPROVE

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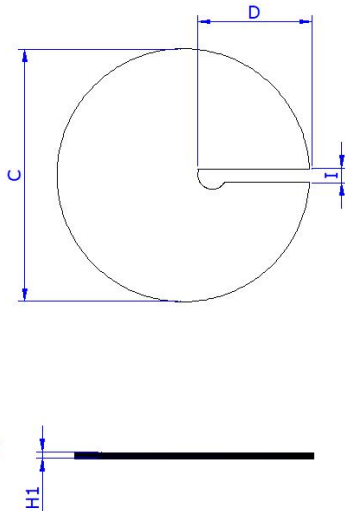
产品规格书 SPECIFICATION								版本 A/0		审核：高应洪 2026/4/9				
Drawing No.: LCX-GCQP001357								Page: 3/4		客户代码：CUST		KH187		
Model:		Ø14.9*34-0.06*90P-12TS-70-37LOC/10-BJ							客户料号：CUST P/N		RHY-KX255-XQ-02			
									内部料号：IN P/N		LXC-KH187010			
A	B	C	D	E	F	H	H1	H2	I	---	---	---	---	---
14.9 ±0.5	33.5- 34	37 ±0.15	13.5 Ref	15 ±2	3 ±1	0.89 ±0.1	1.0 ±0.1	2.0 Max	1.5 Ref	---	---	---	---	---

尺寸 DIMENSION:(mm) Winding mold: Ø14.9; Coil weight: 2.3g

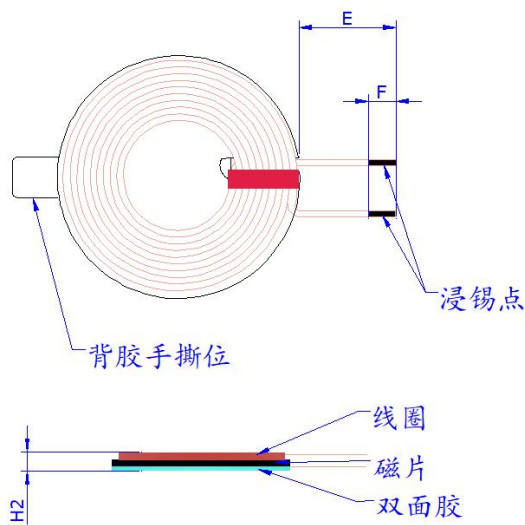
图一、线圈



图二、磁片



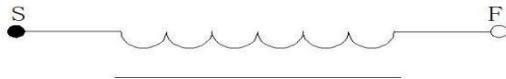
图三、磁片与线圈的组合



Remarks:

- 1.Wind coil as per Diagram 1, leads cross exit; no loose/scattered wire; wrap 5mm wide high-temperature tape at center.
2. Diagram 2: Hard magnetic sheet – Ø37 disc with central L-slot; ordinary double-sided tape on back with tear tab.
3. Coil centered and attached to magnetic sheet as per Diagram 3.

二、原理图 SCHEMATIC DIAGRAM:



三、绕线参数 Winding Specification:

序号 NO	端子 TERMINAL		线径 WIRE	线材分解温度 Temperature	圈数 Turns	绕线方向 Winding Direction
L1	S	F	Silk-covered wire 0.06*90	180-250 度	12TS	Counterclock wise

四、电气特性 ELECTRICAL CHARACTERISTIC: :

温度 TEMPERATURE:25±10°C, 湿度 RELATIVE HUMIDITY:65±20%

序号 NO	磁片材质 Disk material	电感量 LS	阻抗 DCR	测试条件 TEST FREQUENCY	测试仪器 TEST EQUIPMENTS
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L1	Single coil	$4.0\mu\text{H} \pm 10\%$	$65 \pm 10\%$	100KHz/1.0V	U2832
L2	N95 hard magnet	$6.5\mu\text{H} \pm 10\%$ (with magnet)	$65 \pm 10\%$	100KHz/1.0V	U2832

立城兴科技
