

SPECIFICATION FOR APPROVAL

CUSTOMER: Little Nine Technology

CUST P/N: Z823 headphone coil

FINE P/N: **G43.5*0.8-13.8-0.08*105P-12T-6.5UH-W39-L25MM+BJ**

DESC: **Φ43.5MMX0.8MM**

DATE: **July 07, 2025**

Version: **A.0**

PREPARED BY	CHECKED BY	APPROVED BY	CUSTOMER APPROVE
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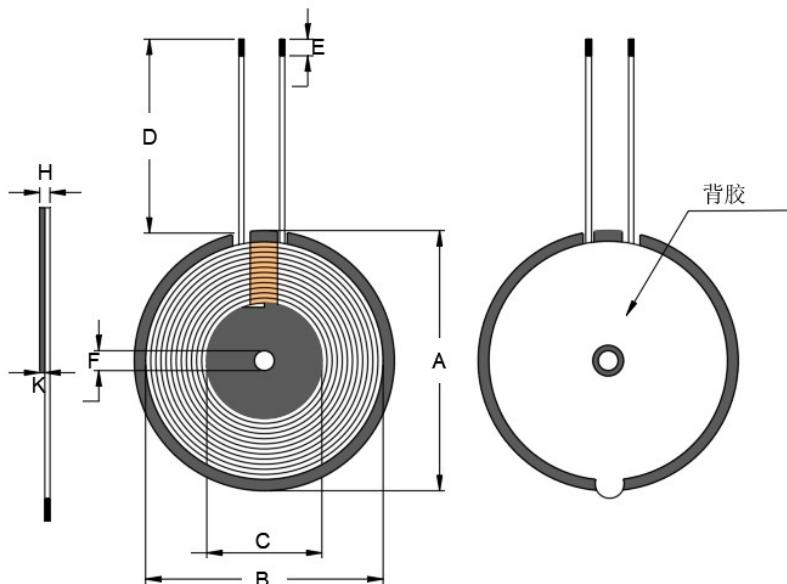
TEL: 18617251159

Version Change History

SPECIFICATION

DESC	quirk G43.5*0.8-13.8-0.08*105P-12 T*6.5UH-W39-L25MM+BJ	Rev: A.0	CUST:	Little Nine Technology
			CUST P/N:	Z823 headphone coil

一、DIMENSION:(mm)

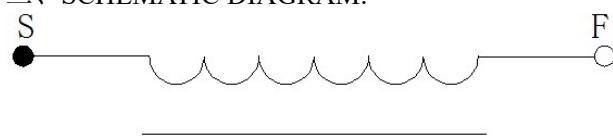


A	43.5 ± 0.5
B	39 ± 0.5
C	13.8 ± 0.5
D	3 ± 2
E	25 ± 2
F	5.3 ± 0.2
H	2.3 ± 0.15
K	0.8 ± 0.05
I	

Note:

1. Cross-line out
2. Coil attached with 43.5 double-slot magnetic sheet, the sheet size is 43.5 ± 0.5 mm, and the thickness is 0.8 ± 0.05 mm.
3. Magnetic sheet is attached with back adhesive.

二、SCHEMATIC DIAGRAM:



三、Winding Specification:

NO.	TERMINAL		WIRE	Turns	Winding Direction
1	S F		Silk braided cable 0.08 * 105P	12Ts	CCW

四、ELECTRICAL CHARACTERISTICS:

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

NO.	ITEM	TERMINAL	SPECIFICATION	TEST FREQUENCY	TEST EQUIPMENTS
1	IND.	S-F	3.8uH $\pm 10\%$ Single Coil	100KHz/1.0V	LCZ METER 1062B
2	IND.	S-F	6.5uH $\pm 10\%$ with magnetic sheet	100KHz/1.0V	LCZ METER 1062B
3	DCR.	S-F	$\leq 55\text{m}\Omega$	100KHz/1.0V	LCZ METER 1062B

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