

SPECIFICATION FOR APPROVAL

CUSTOMER:	Xiaoji Technology
CUST P/N:	CW315 Earphone Coil
FINE P/N:	Deep groove G43.5*0.8 - 13.8 - 0.08*105P - 12T - 6.5UH - W39 - L6MM + BJ
DESC:	Φ43.5MMX0.8MM
DATE:	2025/06/07
Version:	A.0

PREPARED BY	CHECKED BY	APPROVED BY	CUSTOMER APPROVE
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Version Change History

[illegible]

SPECIFICATION

DESC	deep groove G43.5*0.8-13.8-0.08*105P-12 T*6.5UH-W39-L6MM+BJ		Rev: A.0	CUST:	Xiaoji Technology			
				CUST P/N:	Earphone coil			
一、DIMENSION:(mm)				A	43.5±0.5			
The technical drawing shows two views of the earphone coil. The left view is a top-down perspective showing concentric circular turns of wire. Dimensions include H (wire diameter), D (outer diameter), E (turn thickness), F (inner diameter), C (coil radius), B (total radius), and K (lead length). The right view is a cross-section showing the coil's profile and the adhesive backing (背胶).				B	39±0.5			
				C	13.8±0.5			
				D	6 ±1			
				E	2±1			
				F	5.3±0.2			
				H	2.3±0.15			
				K	0.8±0.05			
二、CHEMATIC DIAGRAM: 				I				
三、Winding Specification:				Note:				
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 ±10% Single Coil	100KHz/1.0V	LCZ METER 1062B			
2	IND.	S-F	6.5uH ±10% with magnetic sheet	100KHz/1.0V	LCZ METER 1062B			
3	DCR.	S-F	≤55mΩ	100KHz/1.0V	LCZ METER 1062B			
PREPARED BY/DATE			CHECKED BY/DATE					
He Licheng 2025.06.07								