

SPECIFICATION FOR APPROVAL

CUSTOMER: Shenzhen Jiayucang Technology Co., Ltd.

CUST P/N: 25.21256-1

YUYAO P/N: YY-25216

DEST: Ø20.5*0.08*80P*10TS - 6.5UH - 32mm Ø42.5*5.3*0.8 Hard Magnetic - Inner
Ring 20*1 Plastic Round & Outer Ring

DATE: 2024.11.30

VERSION: V0

PREPARED BY	CHECKED BY	APPROVED BY	CUSTOMER APPROVE
Zheng Shaodong	Yao Zhendong	Cao Qiancheng	

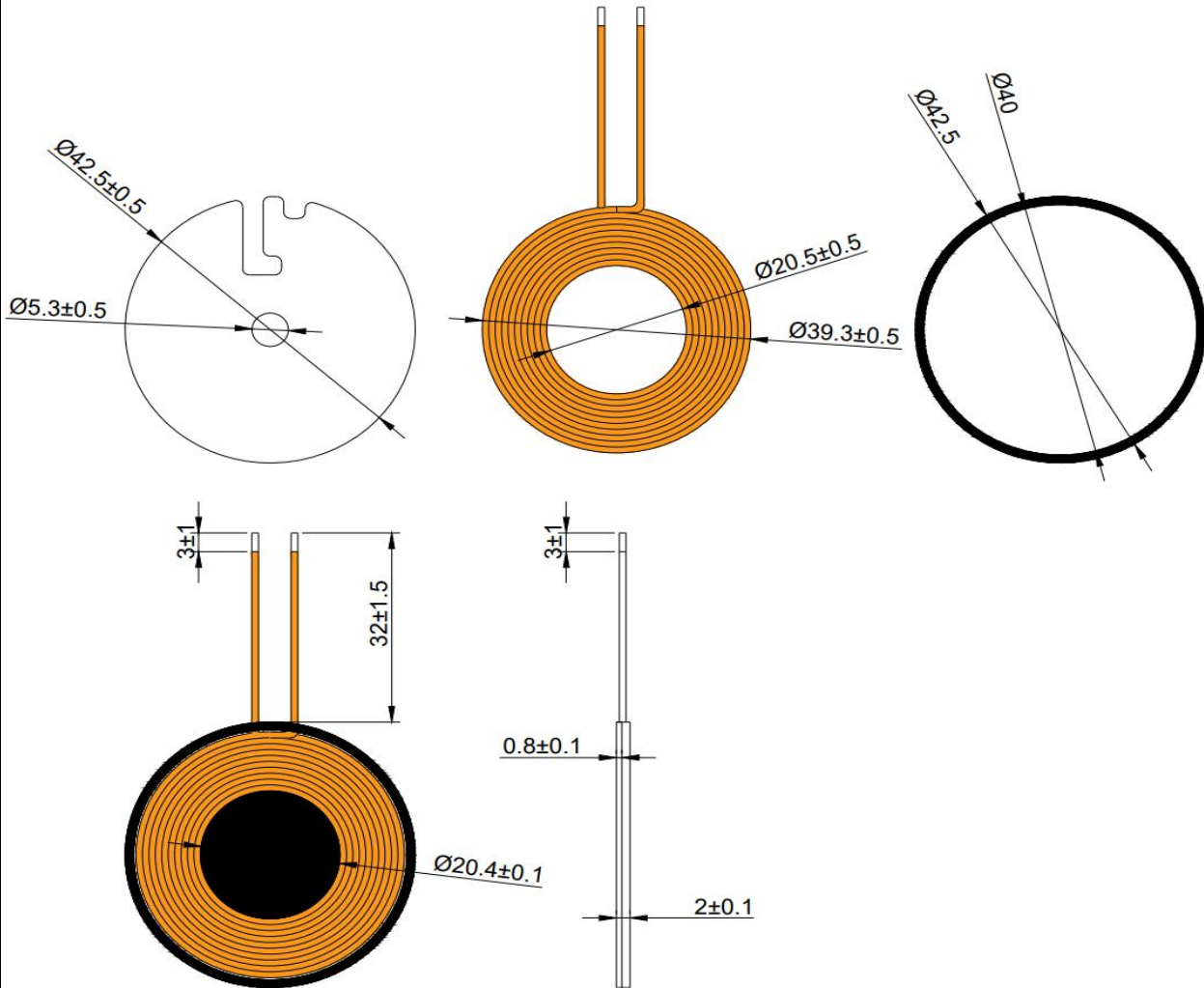
Version Change History

Rev	Before Change	After Change	Change Date	Approved By
V.0	new issue		2024.11.30	

SPECIFICATION APPROVAL

D E S T:	Ø20.5*0.08*80P*10TS - 6.5UH - 32mm Ø42.5*5.3*0.8 Hard Magnet - Inner Ring 20*1 Plastic Round & Outer Ring	VERSION:	V0	CUSTOMER:	Shenzhen Jiayucang Technology Co., Ltd.
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一、 DIMENSION:(mm)



The drawing shows three views of a toroidal magnet assembly. The top-left view is a plan view of the inner ring with dimensions Ø42.5±0.5 and Ø5.3±0.5. The top-middle view is a side view of the toroid with dimensions Ø20.5±0.5 and Ø39.3±0.5. The top-right view is a plan view of the outer ring with dimensions Ø42.5 and Ø40. The bottom-left view is a side view of the toroid with dimensions 3±1, 32±1.5, and Ø20.4±0.1. The bottom-middle view is a side view of the toroid with dimensions 0.8±0.1 and 2±0.1.

Note: Inner layer is a 20.4*1 black plastic sheet, and the outer ring is a black ring.

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二、SCHEMATIC DIAGRAM:



三、WINDING SPECIFICATION:

NO	TERMINAL		WIRE	TURNS	WINDING DIRECTION
1	S	F	0.08 * 80P hot air line	10TS	anticlockwise

四、ELECTRICAL CHARACTERISTICS:

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

NO	ITEM	TERMINAL	SPECIFICATION	TEST FREQUENCY	TEST EQUIPMENTS
1	IND	S-F	3.8UH ± 10% Single Coil	100KHZ/1V	ET4410 LCR
2	IND	S-F	6.5UH ± 10% with magnetic core	100KHZ/1V	ET4410 LCR
3	DCR	S-F	53mΩ MAX	1KHZ/1V	ET4410 LCR
4	Q value	S-F	60MIN	100KHZ/1V	ET4410 LCR
5	working frequency		115-205KHz		

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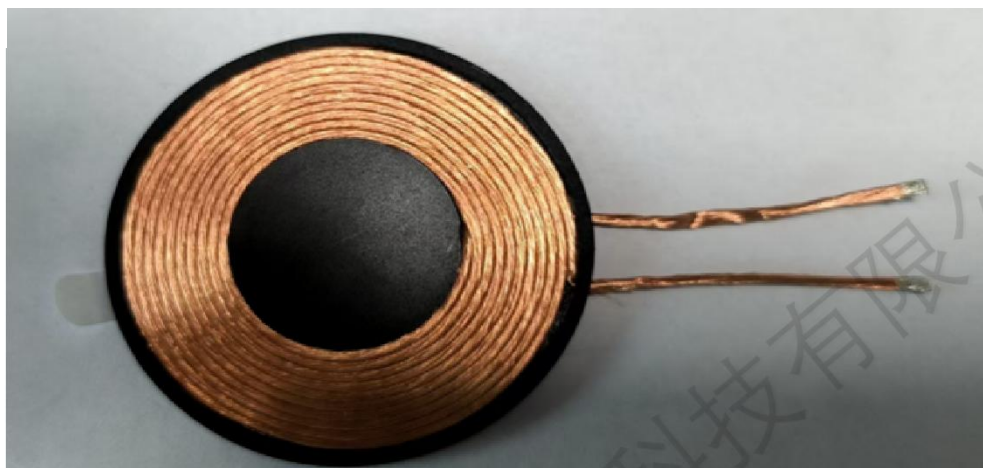
DONGGUAN YUYAO ELECTRONIC TECHNOLOGY CO.,LTD

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五、PRODUCT PICTURE



六、MATERIAL LIST

NO	MATERIAL NAME	DESCRIPTION	MANUFACTURER
1	wire rod	0.08 * 80P hot air line	RH
2	magnetic sheet	Ø42.5*5.3*0.8mm ferrite magnetic sheet	KHF
3	tin bar	High-temperature environmentally friendly tin	DB
4	glue	BE885-9007	BR
5	gum	Hole-covered white double-sided adhesive tape	
6	packaging	EPE foam	
7	Inner circular piece	Black 20-piece circular piece	HT
8	Outer ring	Black plastic ring	HT

REMARK: The above materials comply with the environmental protection requirements of ROHS 2.0 + REACH.

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