

SPECIFICATION FOR APPROVAL

CUSTOMER: Shenzhen Annaijia Electronics Co., Ltd.

CUST P/N:

YUYAO P/N:

DESCRIPTION: Ø20.5*0.08*80P*11TS-7.2UH-20mm

DATE: 2024.03.15

VERSION: V0

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



DONGGUAN YUYAO ELECTRONIC TECHNOLOGY CO.,LTD

Factory Add: 21th Building Sun Industry ,Lam village, Tangxia Town, Dongguan City, China.

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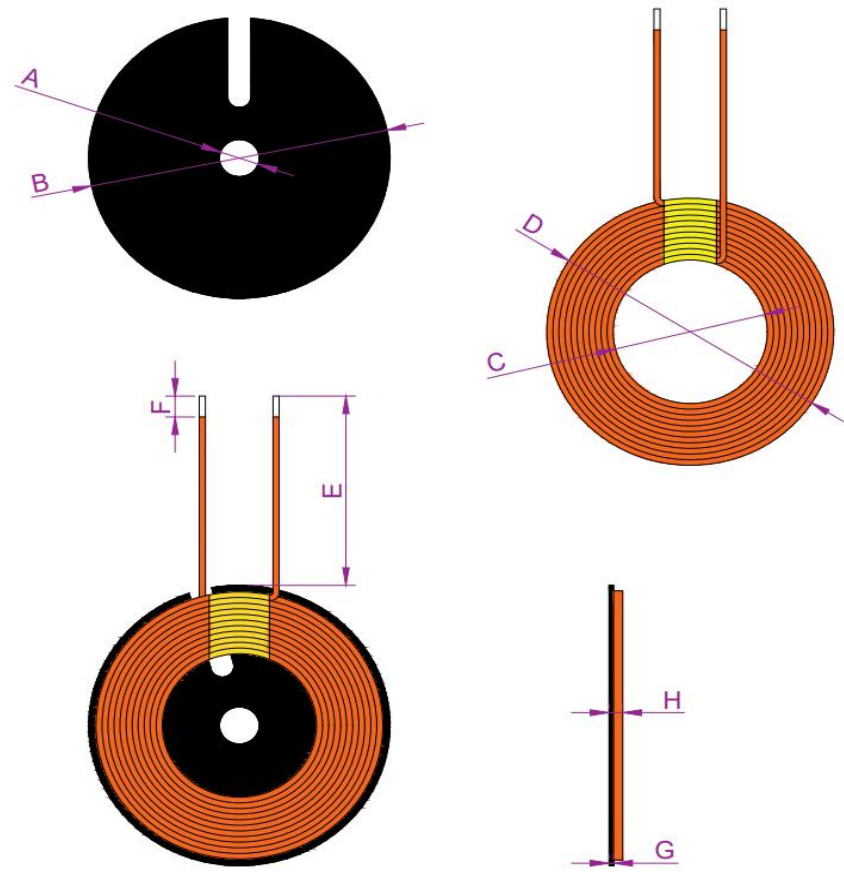
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Version Change History

Rev	Before Change	After Change	Change Date	Approved By
A.0	New Release		2024.03.15	

SPECIFICATION APPROVAL

DESCRIPTION :	Ø20.5*0.08*80P*11TS-7.2UH- 20mm	VERSION:	V0	CUSTOMER:	龙梓芯	
				CUST P/N:		
				YUYAO P/N:		
1. DIMENSION:(mm) 					A	5.3±0.5
					B	40±0.5
					C	20.5±0.5
					D	37.5±1
					E	20±1
					F	3±1.5
					G	0.6±0.05
					H	2.2 Max
					I	
					J	
					K	
L						
Remark:						
1) The ferrite is protected by black film on one side, and the other side is pasted by self-adhesive. The coils are assembled on the black film side.						
2) Whether the starting and ending linescross: Yes						
3) Coil wrapped with 8mm high temperatureadhesive tape						
PREPARED BY/DATE			CHECKED BY/DATE			
Shaodong Zheng /2024.03.15			Zhendong Yao/2024.03.15			

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2. SCHEMATIC DIAGRAM:

3. WINDING SPECIFICATION:

NO	TERMINAL		WIRE	TURNS	WINDING DIRECTION
1	S	F	0.08*80P Litz wire	11TS	CCW

4. ELECTRICAL CHARACTERISTICS:

TEMPERATURE:25℃±10℃, RELATIVE HUMIDITY:65±20%

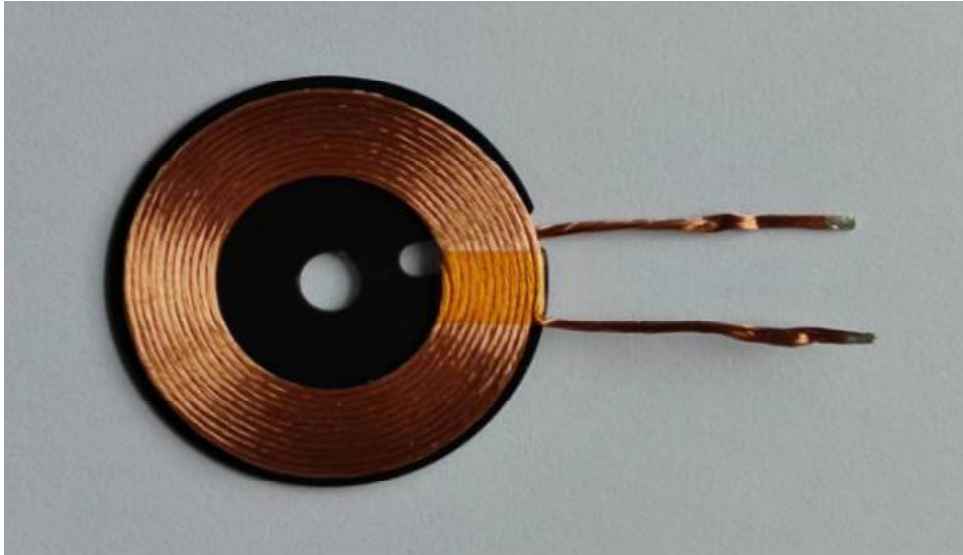
NO	ITEM	TERMINAL	SPECIFICATION	TEST FREQUENCY	TEST EQUIPMENTS
1	IND	S-F	4.6UH±10% only coil	100KHZ/1V	LCZ METER1062B
2	IND	S-F	7.2UH±10% W/ferrite	100KHZ/1V	LCZ METER1062B
3	DCR	S-F	55mΩ MAX	1KHZ/1V	TH2810
4	Q	S-F	60MIN	100KHZ/1V	LCZ METER1062B

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5. PRODUCT PICTURE



6. MATERIALS LIST

NO	MATERIAL NAME	DESCRIPTION	MANUFACTURER
1	Wire	0.08*80P Litz wire	RH
2	Ferrite	Ø40*5.3*0.6mm Mn-zn	KHF
3	Tin	Lead-free solder bar	DB
4	Glue	BE885-9007	BR
5	Fixing tape	Width:8mm high-temperature tape	
6	Self-adhesive		
7	Black Film		
8	Packaging	EPE foam+carton	

REMARK: All the materials meet the requirements of ROHS 2.0 and REACH

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