

# SPECIFICATION FOR APPROVAL

CUSTOMER: Shenzhen Annaijia Electronics Co., Ltd.

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CUST P/N:

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YUYAO P/N:

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

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DATE: 2024.03.15

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VERSION: V0

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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,  
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**TEL: 86-13554901296**

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<b>DESCRIPTION</b> :	Ø20.5*0.08*80P*11TS-7.2UH-20mm	<b>VERSION:</b>	V0	<b>CUSTOMER:</b>	龙梓芯	
				<b>CUST P/N:</b>		
				<b>YUYAO P/N:</b>		
<b>1. DIMENSION:(mm)</b>					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	
					<b>Remark:</b>	
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 temperature adhesive tape						
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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°C±10°C, RELATIVE HUMIDITY:65±20%

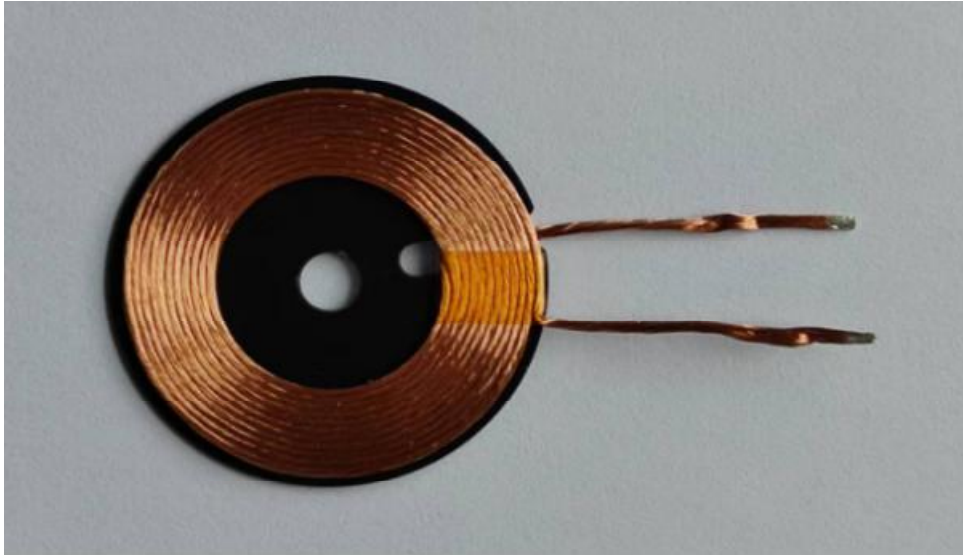
NO	ITEM	TERMINAL	SPECIFICATION	TEST FREQUENCY	TEST EQUIPMENTS
1	IND	S-F	4.6UH±10% only coil	100KHZ/1V	LCZ METER1062B
2	IND	S-F	7.2UH±10% W/ferrite	100KHZ/1V	LCZ METER1062B
3	DCR	S-F	55mΩ MAX	1KHZ/1V	TH2810
4	Q	S-F	60MIN	100KHZ/1V	LCZ METER1062B

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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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