

Dongguan Xinwang Coil Technology Co., Ltd.

SPECIFICATION APPROVAL SHEET

CUSTOMER .Shenzhen Xinpin Innovation Electronic Technology Co., Ltd.

MODEL NO. _____

DESCRIPTION Wire specification: 0.08mm×45 strands hot air twisted wire

Magnetic sheet: 43mm×19mm×0.8mm with white adhesive backing

Winding requirement: Two wires per slot; inner diameter 21.8mm (fixed with transparent adhesive tape); wire length 10mm

Inductance: 6.5μH

PART NO. ARW-Q-XQ-076

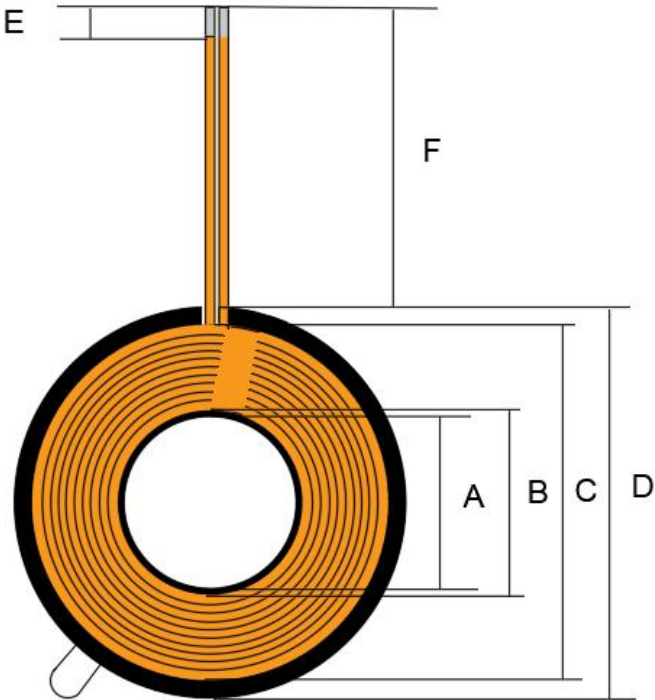
D A T E _____

CUSTOMER			☐ PASS ☐ NG
Q.A. DEPT.	ENGINEER DEPT.	STOCK DEPT.	
Dongguan Xinwang Coil Technology Co., Ltd. (Confirmation)			Sample Quantity : Number of Acknowledgement Copies : <u> </u>
Q.A. DEPT.	ENGINEER DEPT.	APPROVAL	
Yang Youli	Wang Xin	Huang Yanping	

Dongguan Xinwang Coil Technology Co., Ltd.

2. Attached Drawings:

1.DIMENSIONS: mm



A	19 ± 1
B	21.8 ± 1
C	39 ± 1
D	43 ± 1
E	3 ± 1.5
F	10 ± 2
G	Magnetic tape thickness 0.75 ± 0.15 Magnetic sheet with adhesive back thickness 0.8 ± 0.15
H	Total thickness 1.7 ± 0.5

H G

2.WINDING DETAILS:

Wdy.NO.	Start	Finish	Turns	Wire Dia	Wdg.TyepeSprad/lose	Wdg.Directi on	Turns/Layer
	S		10TS	0.08*45P	Meditation	Countercl ockwise	1 Floor /10TS

5.ELECTRICAL CHARACTERISTICS :

PARAMETERS	UNIN	LIMTI
Inductance $l_s @ 100\text{KHz}/1\text{v}$	UH	$6.5\text{UH} \pm 10\%$
$Q @ 100\text{KHz}/1\text{v}$		30MIN
DCR $@ 100\text{KHz}/1\text{v}$	m Ω	120MAX

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Material Name:

MATERIAL LIST			CUSTOMER P/N:	Wireless charging transmitter
			PARTNUMBER:	
NO.	Material name	Description	Manufacturer	Material
1	Hot air line hot air line	0.08*45p		99.95% Red copper
2	Lead-free solder wire	High temperature		
3	High-temperature tape	(transparent tape)		
4	Glue	Yellow glue		
5	Magnetic disk	43.2*19*0.8MM		Ferrite. Manganese zincPC40
6	double-sided tape	Hand-tear adhesive backing		
7	EPE foam	270*380*55		
8	Cardboard box	280*390*190		

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3. Sample Test Results:

The main dimensions must be measured

SizeSequence	Name	Requirement	Test Results	Test results	Tolerance $\pm$	unit
Size 1	Coil outer diameter	39			± 1	MM
Size 1	Coil outer diameter	39			± 1	MM
Size 1	Coil outer diameter	39			± 1	MM
Size 1	Coil outer diameter	39			± 1	MM
Size 2	Coil inner diameter	21.8			± 1	MM
Size 2	Coil inner diameter	21.8			± 1	MM
Size 2	Coil inner diameter	21.8			± 1	MM
Size 2	Coil inner diameter	21.8			± 1	MM
Size 3	Overall thickness	1.7			± 0.5	MM
Size 3	Overall thickness	1.7			± 0.5	MM
Size 3	Overall thickness	1.7			± 0.5	MM
Size 3	Overall thickness	1.7			± 0.5	MM