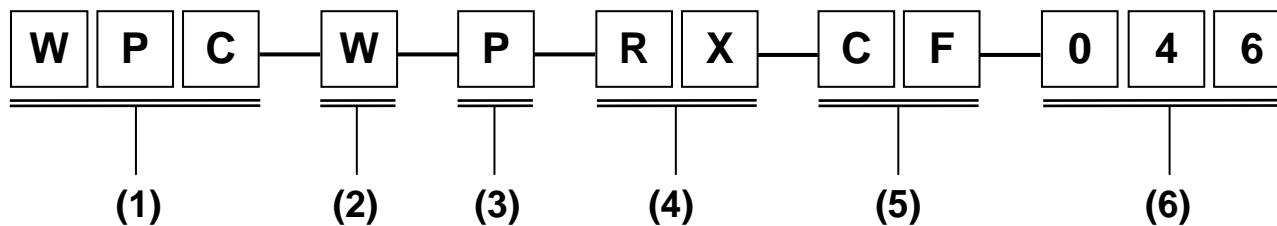


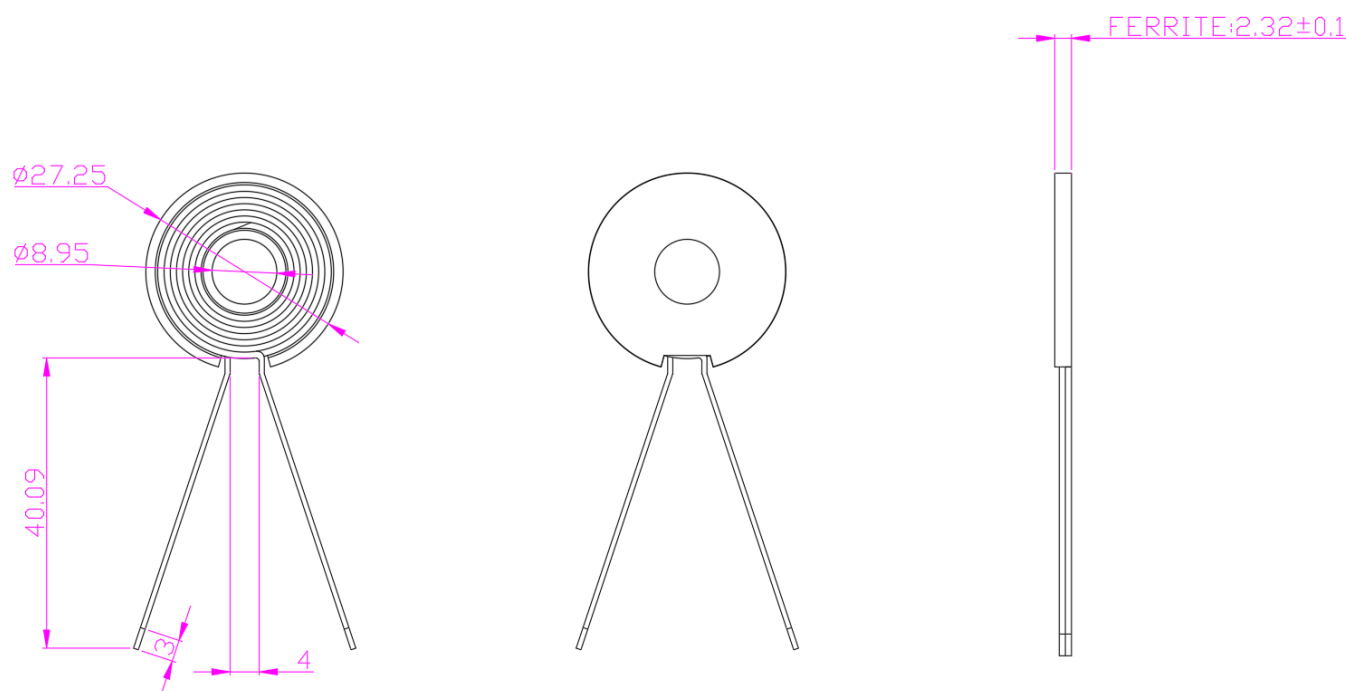
# WPC-W-P-RX-CF-046 Specification

## 1. Explanation of Part Number:



- (1) Product type : Wireless Power Charging  
 (2) Mode : WPC  
 (3) Active or passive : Passive  
 (4) Type : Power Transmitter  
 (5) Antenna material or type : Coil + Ferrite  
 (6) Suffix : Serial number

## 2. Dimension:



UNLESS OTHER SPECIFIED TOLERANCES ON :

X=± X.X=± X.XX=±

ANGLES=± HOLEDIA=±



INPAQ TECHNOLOGY CO., LTD.

SCALE : N/A

UNIT : mm

DRAWN BY: 周敬晨

CHECKED BY: 鄭榮謀

DESIGNED BY: 曾國恒

APPROVED BY: 吳金依

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### 3.Coil Specification:

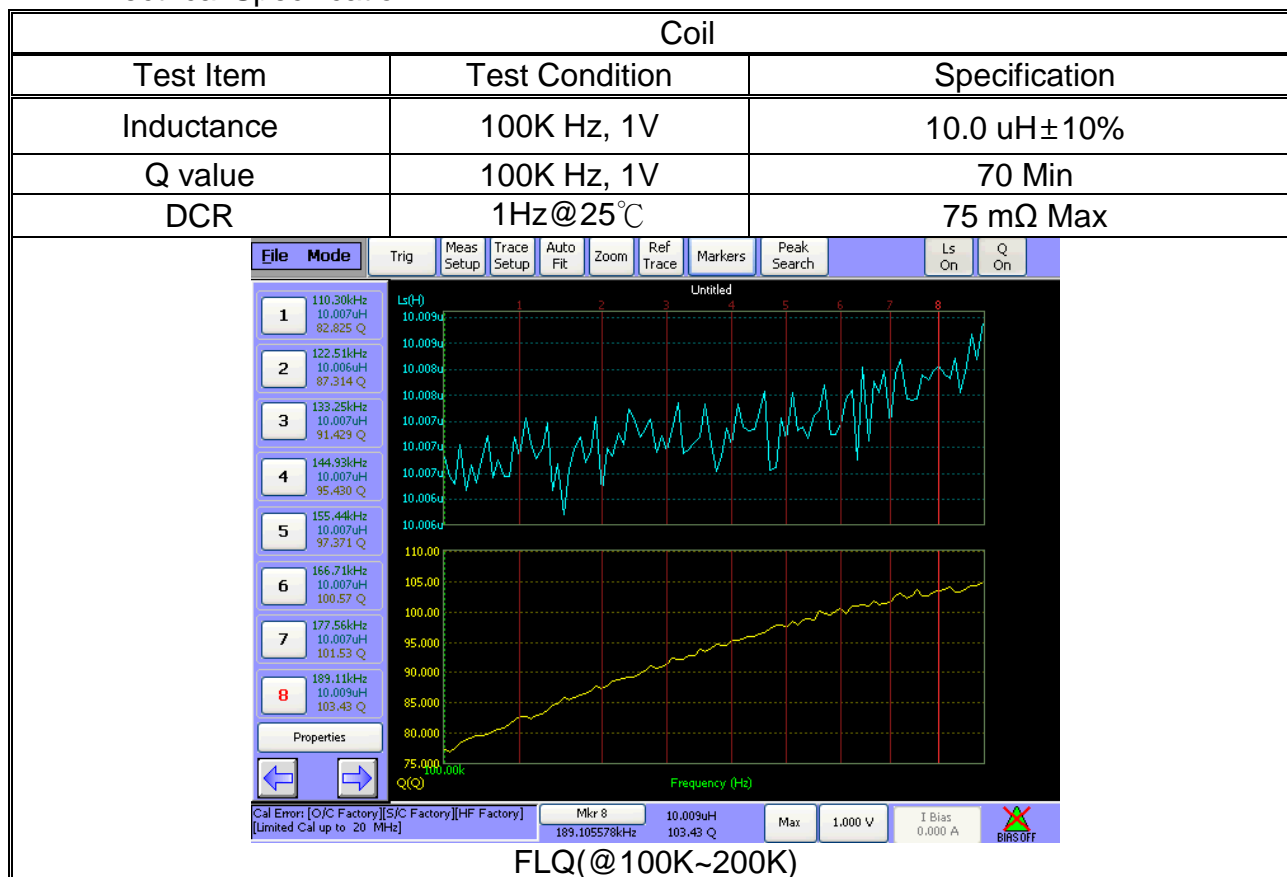
- (1) WIRE DIAMETER : UEW  
(2) LAYERS : 2 LAYER

### 4. Test Condition:

#### 4.1 Test Equipment

NO	ITEM	Maker/Part name	Remark
1	LCR Meter	WAYNE KERR 6500B	L/Q/Rdc Tester
2	Test Fixture	WAYNE KERR FIXTURE 20A 1030	
3	Calibration Kit	INPAQ Internal	

#### 4.2 Electrical Specification



UNLESS OTHER SPECIFIED TOLERANCES ON :

X=±      X.X=±      X.XX=±

ANGLES=±      HOLEDIA=±

SCALE : N/A      UNIT : mm

DRAWN BY: 周敬晨      CHECKED BY: 鄭榮謀

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## 5. Reliability Test:

NO	ITEM	Condition	Characteristics	Remark
1	High Temp. Storage Test	Initial value measured at standard test condition. Test Conditions: 85 $\pm$ 5 $^{\circ}$ C, 48hr Measuring After 1-2hr at standard conditions.	- No electrical, appearance problem	
2	Low Temp. Storage Test	Initial value measured at standard test condition. Test Conditions: -40 $\pm$ 5 $^{\circ}$ C, 48hr Measuring After 1-2hr at standard conditions.		
3	Temperature cycle Test	Initial value measured at standard test condition. Test Conditions: -40 $^{\circ}$ C, 0.5hr $\rightarrow$ 85 $^{\circ}$ C, 0.5hr Test Cycle: 50 times Measuring After 1-2hr at standard conditions.		
4	High Temp & Humidity Storage Test	Initial value measured at standard test condition. Test Conditions: 85 $\pm$ 5 $^{\circ}$ C, 85 $\pm$ 5% RH, 48hr Measuring After 1-2hr at standard conditions.		option
5	Salinity	Initial value measured at standard test condition. Test Conditions: 35 $^{\circ}$ C, 5%, 48hr Measuring After 10min at cleaning with flowing water and 24hr at standard conditions.		option

## 6. Operating & Storage Condition:

1.) OPERATING TEMPERATURE RANGE: -40 $^{\circ}$ C~+85 $^{\circ}$ C

2.) STORAGE TEMPERATURE RANGE: -40 $^{\circ}$ C~+85 $^{\circ}$ C

6.1. Recommended storage condition :

Store in room condition as listed below: Temperature -20 $^{\circ}$ C~+45 $^{\circ}$ C, Humidity 80% Max.

UNLESS OTHER SPECIFIED TOLERANCES ON :

X=±

X.X=±

X.XX=±

ANGLES=±

HOLEDIA=±



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UNIT : mm

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