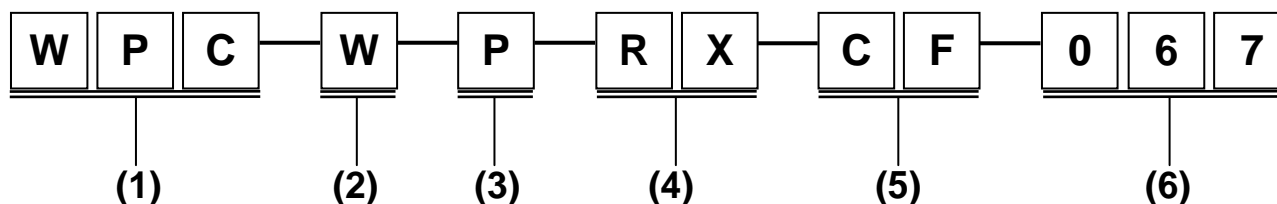


WPC-W-P-RX-CF-067 Specification

1. Explanation of Part Number :



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

UNLESS OTHER SPECIFIED TOLERANCES ON :

X=± X.X=± X.XX=±

ANGLES=± HOLEDIA=±



INPAQ TECHNOLOGY CO., LTD.

SCALE : N/A

UNIT : mm

DRAWN BY:廖偉廷

CHECKED BY:鄭榮謀

DESIGNED BY:曾國恒

APPROVED BY:吳金依

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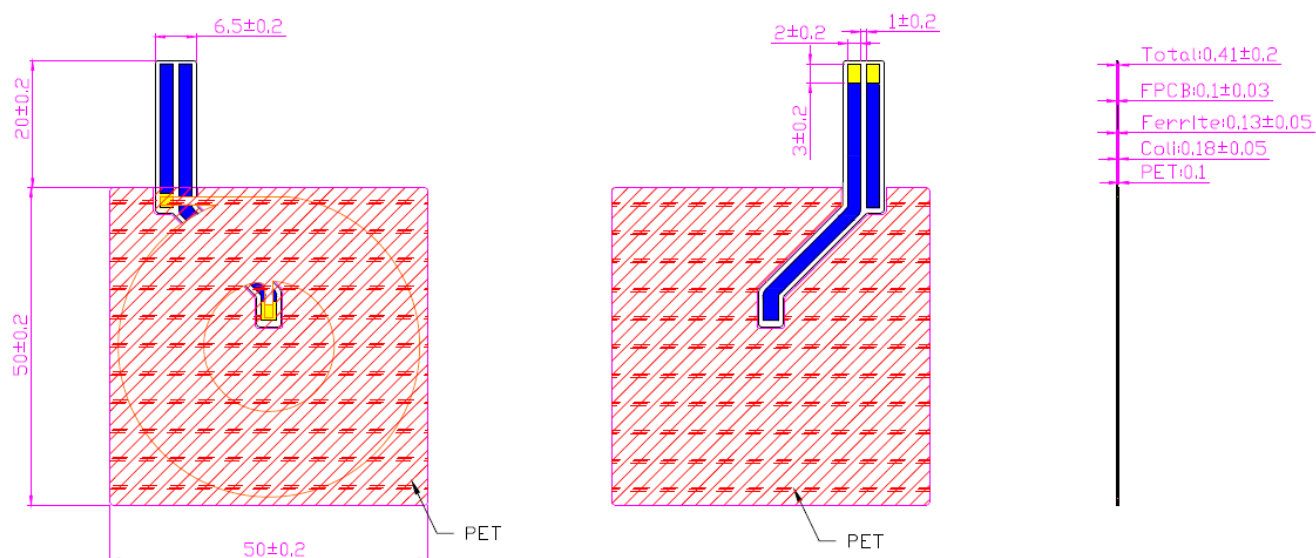
TITLE : WPC-W-P-RX-CF-067 Specification

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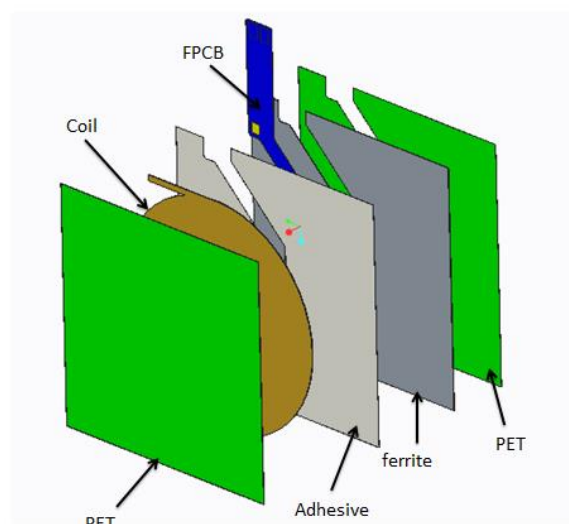
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2. Dimension:



3. Solid picture and Material list:



Index	Item	Description	Color	Q'ty
1	PET	D50x50x0.1mm	White translucency	1
2	Coil	UEW	Copper	1
3	FPCB	D31.93x19.83x0.1mm	Black	1
4	Adhesive	D50x50*0.03mm	White translucency	1
5	Ferrite Core	D50x50*0.09mm , Nano 4Layers	Black	1
6	PET	D50x50*0.01mm	Black	1

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4. Coil Specification:

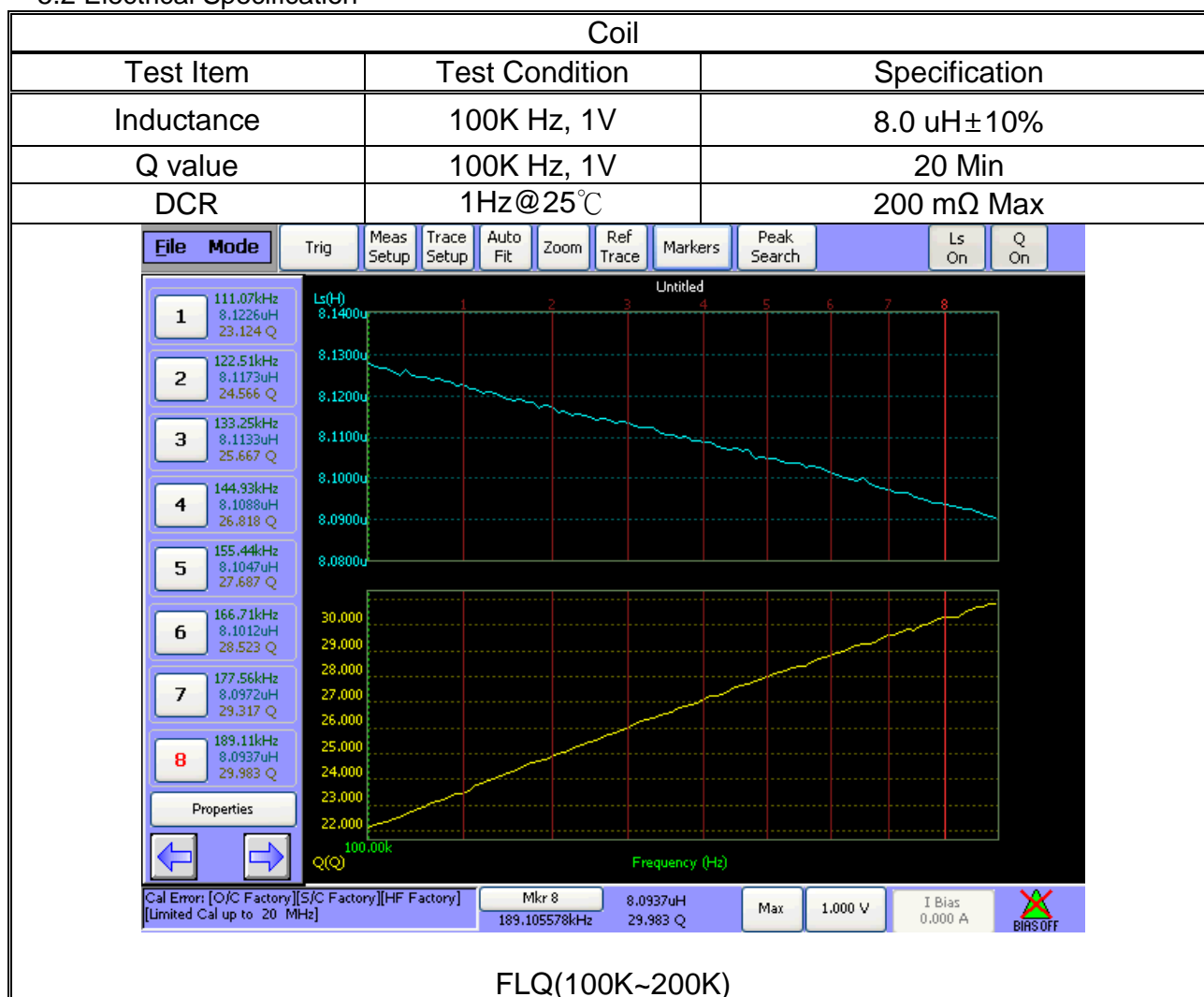
- a.) WIRE DIAMETER :UEW
b.) LAYERS : 1 LAYER

5. Test Condition:

5.1 Test Equipment

NO	ITEN	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	

5.2 Electrical Specification



UNLESS OTHER SPECIFIED TOLERANCES ON :

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ANGLES=± HOLEDIA=±

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6. Reliability Test:

NO	ITEM	Condition	Characteristics	Remark
1	High Temp. Storage Test	Initial value measured at standard test condition. Test Conditions: 85 ±5 °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±5 °C, 48hr Measuring After 1-2hr at standard conditions.		
3	Temperature cycle Test	Initial value measured at standard test condition. Test Conditions: -40°C, 0.5hr→85°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±5°C, 85±5% RH, 48hr Measuring After 1-2hr at standard conditions.		option
5	Salinity	Initial value measured at standard test condition. Test Conditions: 35°C, 5%, 48hr Measuring After 10min at cleaning with flowing water and 24hr at standard conditions.		option

UNLESS OTHER SPECIFIED TOLERANCES ON :

X=± X.X=± X.XX=±

ANGLES=± HOLEDIA=±



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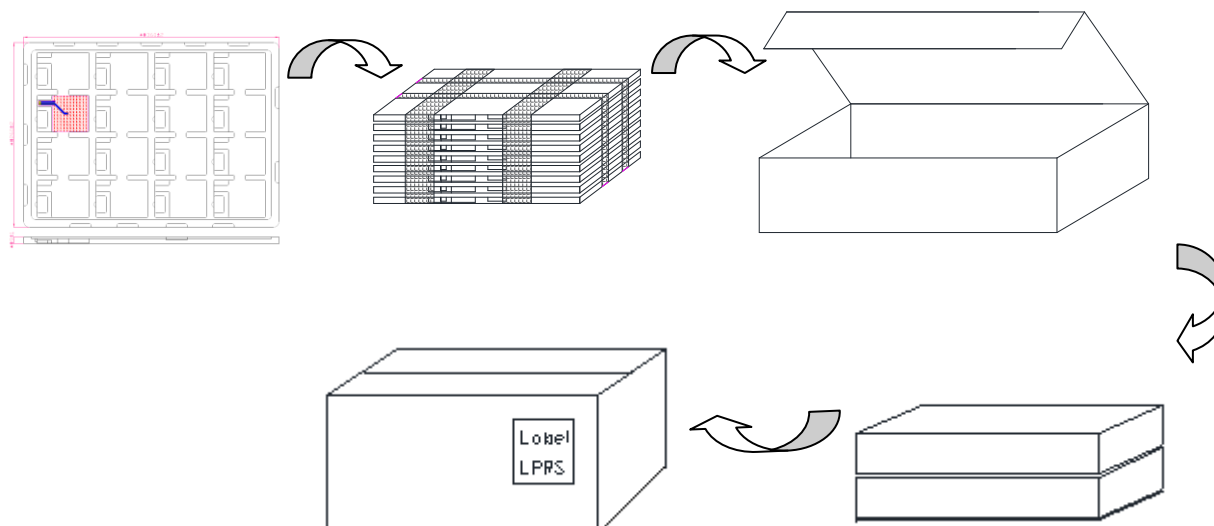
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7. Package Spec:



A small boxed : 17 pcs Tray + 1 empty Tray (total 18 pcs), total number of samples $16 * 17 = 272$ pcs.

A Carton boxed include 2 small boxed, total number of samples $272 * 2 = 544$ pcs.

8. Packing Information:

- 1.) Do not apply high mechanical force or damage on the products during attaching process.
- 2.) Do not store in high temperature or high humidity environments.
- 3.) Avoid heat shock, vibration, direct sunlight, etc.
- 4.) Do not store in corrosive gas atmosphere such as one containing sulfurous acid gas or alkaline gas.

9. Operating & Storage Condition:

- 1.) OPERATING TEMPERATURE RANGE: $-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$
- 2.) STORAGE TEMPERATURE RANGE: $-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$

9.1. Recommended storage condition :

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

UNLESS OTHER SPECIFIED TOLERANCES ON :

$X = \pm$ $X.X = \pm$ $X.XX = \pm$

ANGLES $= \pm$ HOLEDIA $= \pm$



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