深圳市华科诚科技有限公司

ShenZhen HKC Technology Co. Ltd

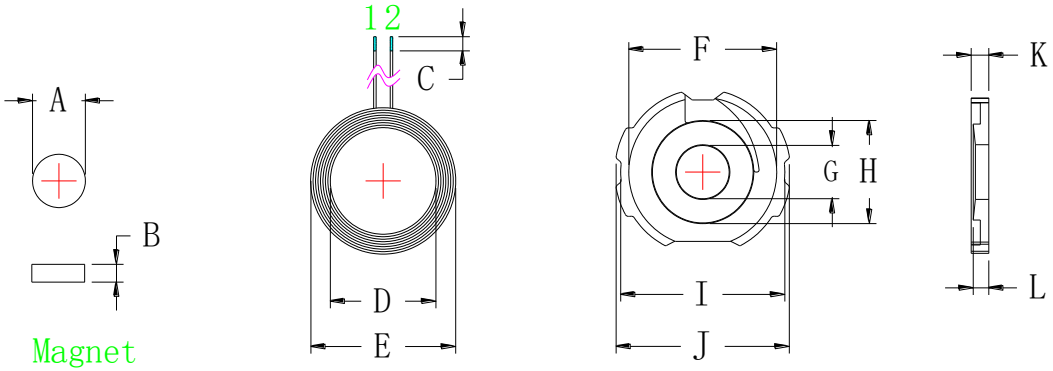
承认料号: Approval P/N	19.10.003.04191302
规格描述: Item Description	Inductor, Transmitting end G25-4.1UH-3200GS 4.1UH ± 0.2UH magnetic core OD 25 ± 0.2mm * 7.65 ± 0.05mm * T2.5mm ± 1mm wireless charging coil 10TS wire diameter 0.08 * 40P enameled wire single-sided adhesive wire length: 35mm ± 1mm tinned 2 ± 1mm Jieruisi, RoHS
版本 Version	**A0**

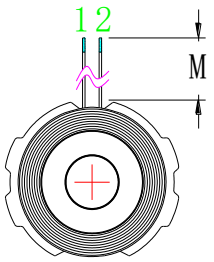
Approval	Check	Prepare
核准	审核	RD 确认
Deng xiagjia 2025.6.19		Lu rusheng 研发 2025.06.19 黄艺 **2025.6.19**

供 应 商 : **Supplier**	Jieruisi Technology	供货商料号 : **Supplier P/N**	19.10.003.04191302
制 造 商 : **Manufacturer**	Jieruisi Technology	制造商料号 : **Manufacturer P/N**	19.10.003.04191302

深圳市华科诚科技有限公司
ShenZhen HKC Technology Co. Ltd
广东省东莞市塘厦镇沙湖大道南 **28** 号华科诚智造园

一、 Plan structure diagram: Unit: MM





A	7.5±0.1
B	2.0±0.1
C	2.0±1
D	14.0±0.2
E	20.5±0.5
F	21.1±0.2
G	7.5±0.1
H	13.5±0.1
I	23.5±0.2
J	25.0±0.2
K	2.5±0.15
L	2.4±0.1 Height
M	35±1

二、Product parameters:

Foot position	Wire diameter	Number of laps	Notes
1 - 2	0.08*40P	10T	Hot air line

三、Technical requirement:

1. Fix the wire ends and prevent loose or broken wires

2. Cut off the excessively long wire ends according to customer requirements, tin them with a uniform depth of 2 ± 1MM

3. Apply appropriate white glue on the magnetic sheet, attach the coil, and ensure that the product surface is clean and tidy during the process

4. The soft magnetic sheet used has circular holes and is undamaged

5. Additional process: Install a 7.5 * 2.0mm magnet into the circular hole in the middle of the finished product, and apply double-sided tape with a diameter of 14 * 14mm on the back of the finished product, followed by packaging

四、 Electrical parameters:

1. Inductance value, Q-value:

PIN 1 — 2 = 4.1±0.2UH

Q-value: ≥25

The above inductance and Q value are measured using Quanhua 1062A instrument, with 100KHZ/1.0Vrms as the standard or equivalent instrument

五、 Bill of Material:

NO.	Name	Material	Supplier	Notes
1	Hot air line	0.08*40P	WEIHAN	
2	Magnetic slice	G25 soft substrate	TIAN ONG	
3	Tin	High temperature environmental protection	QIANDAO	
4	White glue	BY882	BAOYUE	
5	Magnet	7.5*2.0*3200±100GS	LIANSHENG	
6	Double-sided tape	∅14*14MM (Rotundity)	HONGHUI	

TEST REPORT

Applicant	:	Donguan Jieruisi Technology Co., Ltd.
Address	:	Room 202, 152 Dalingshan Section, Wanchang Road, DalingshanTown, Dongguan City
Manufacturer	:	Donguan Jieruisi Technology Co., Ltd.
Address	:	Room 202, 152 Dalingshan Section, Wanchang Road, DalingshanTown, Dongguan City

Report on the submitted samples said to be:

Sample Name	:	Watch Coil Adhesive Magnetic Sheet
Trade Mark	:	N/A
Tested model	:	RC-G25-2.5
Series models	:	N/A
Model Difference	:	The applicable appliance has only one model, but has three different appearances.
Testing Period	:	2025-03-17 to 2025-03-20
Date of issue	:	2025-03-25
Results	:	Please refer to next page(s).

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TEST REQUEST

According to the customer's request, based on the performed tests on submitted sample, the result of Lead, Cadmium, Mercury, Hexavalent Chromium, PBBs, PBDEs, Dibuyl Phthalate(DBP), Benzylbutyl Phthalate(BBP), Bis(2-ethylhexyl) Phthalate(DEHP), Diispbutyl phthalate(DIBP) content comply with the limit as set of RoHS Directive (EU) 2015/863 amending Annex II to Directive 2011/65/EU.

CONCLUSION

Pass

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Signed for and on behalf of HX

Simmons Ren

Shenzhen HX Detect Certification Co.,LTD.

Tested part(s):

(1) Copper wire

(2) Magnet block

(3) Magnetic surface mount

Results:

Test method:
Lead & Cadmium Content:
With reference to IEC 62321-5:2013, by acid digestion and analysis was performed by inductively coupled plasma atomic emission spectrometer (ICP-OES)
Mercury Content:
With reference to IEC 62321-4: 2013+AMD1:2017 CSV, by acid digestion and analysis was performed by inductively coupled plasma atomic emission spectrometer (ICP-OES)
Hexavalent Chromium Content:
With reference to IEC 62321-7-1:2015, by alkaline digestion and analysis was performed by UV-visible spectrophotometer (UV-Vis)
PBBs & PBDEs Content:
With reference to IEC 62321-6:2015, by solvent extraction and analysis was performed by gas chromatographic-mass spectrometer (GC-MS)

DBP, BBP, DEHP, DIBP Content
With reference to IEC 62321-8:2017, by solvent extraction and analysis was performed by gas chromatographic-mass spectrometer (GC-MS)

Item	Unit	MDL	Results			Limit
			(1)	(2)	(3)	
Lead Content (Pb)	mg/kg	2	N.D.	N.D.	N.D.	1000
Cadmium Content (Cd)	mg/kg	2	N.D.	N.D.	N.D.	100
Mercury Content (Hg)	mg/kg	2	N.D.	N.D.	N.D.	1000
Hexavalent Chromium (Cr(VI)) (metal material)▼	ug/cm2	0.10	Negative	Negative	Negative	--

Note:

- N.D. = Not Detected or less than MDL
- MDL = Method Detection Limit
- mg/kg = ppm
- ▼ = a. The sample is positive for Cr (VI) if the Cr (VI) concentration is greater than 0.13ug/cm^2. The sample coating is considered to contain Cr (VI)
  b. The sample is negative for Cr (VI) if Cr (VI) is N.D. (concentration less than 0.10ug/cm^2). The sample coating is considered a non- Cr (VI) based coating
  c. The result between 0.10μg/cm^2 and 0.13μg/cm^2 is considered to be inconclusive, unavoidable coating variations may influence the determination
- Flow chart appendix is included.
- Photo appendix is included.

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Item	Unit	MDL	Results			Limit
			(1)	(2)	(3)	
Polybrominated Biphenyls (PBBs)						
Monobromobiphenyl	mg/kg	5	N.D.	N.D.	N.D.	/
Dibromobiphenyl	mg/kg	5	N.D.	N.D.	N.D.	/
Tribromobiphenyl	mg/kg	5	N.D.	N.D.	N.D.	/
Tetrabromobiphenyl	mg/kg	5	N.D.	N.D.	N.D.	/
Pentabromobiphenyl	mg/kg	5	N.D.	N.D.	N.D.	/
Hexabromobiphenyl	mg/kg	5	N.D.	N.D.	N.D.	/
Heptabromobiphenyl	mg/kg	5	N.D.	N.D.	N.D.	/
Octabromobiphenyl	mg/kg	5	N.D.	N.D.	N.D.	/
Nonabromodiphenyl	mg/kg	5	N.D.	N.D.	N.D.	/
Decabromodiphenyl	mg/kg	5	N.D.	N.D.	N.D.	/
Total content	mg/kg	/	N.D.	N.D.	N.D.	1000
Polybrominated Diphenyl ethers (PBDEs)(Mon-Deca)						
Monobromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	/
Dibromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	/
Tribromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	/
Tetrabromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	/
Pentabromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	/
Hexabromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	/
Heptabromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	/
Octabromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	/
Nonabromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	/
Decabromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	/
Total content	mg/kg	/	N.D.	N.D.	N.D.	1000

Note:

- N.D. = Not Detected or less than MDL
- MDL = Method Detection Limit
- mg/kg = ppm
- Flow chart appendix is included.
- Photo appendix is included.

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Item	CAS No.	Unit	MDL	Results	Limit
				/	
Dibutyl Phthalate (DBP)	84-74-2	mg/kg	30	N.D.	1000
Benzyl butyl Phthalate (BBP)	85-68-7	mg/kg	30	N.D.	1000
Bis(2-ethylhexyl) Phthalate (DEHP)	117-81-7	mg/kg	30	N.D.	1000
Diispbutyl Phthalate (DIBP)	84-69-5	mg/kg	30	N.D.	1000

Note:

- N.D. = Not Detected or less than MDL
- MDL = Method Detection Limit
- mg/kg = ppm
- Flow chart appendix is included.
- Photo appendix is included.

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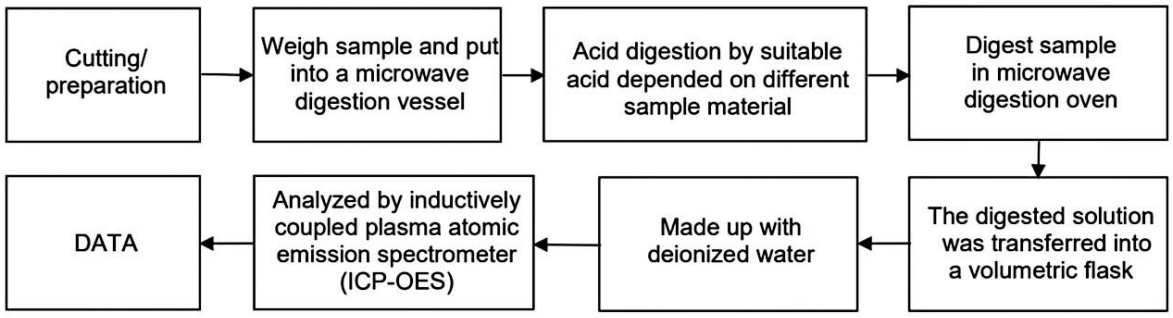
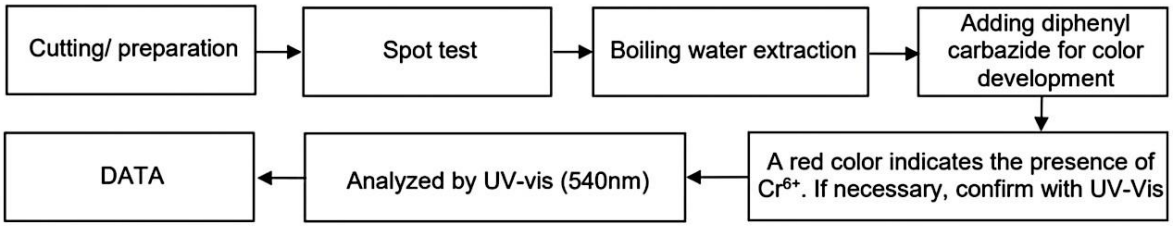
Appendix

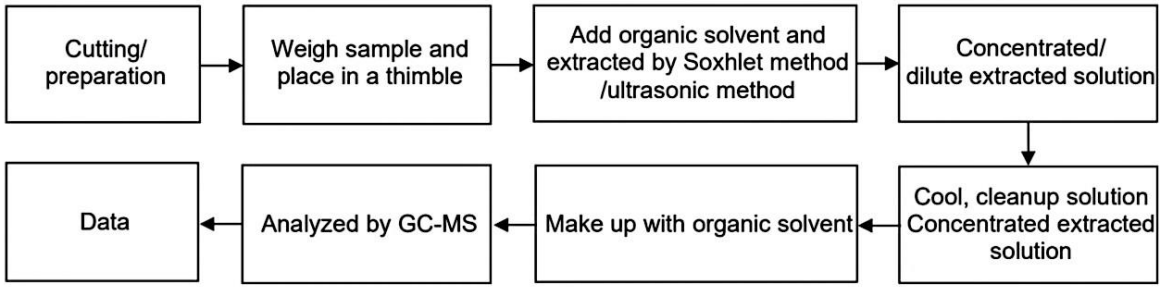
1. Test Flow chart for Cd/Pb /Hg content



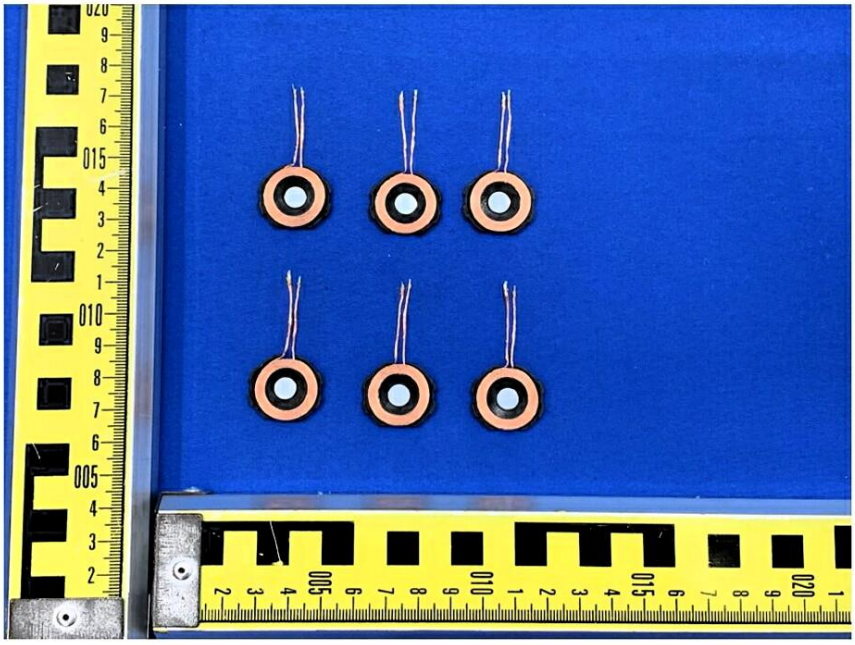
2. Test Flowchart for Cr6+ content (For metal material)

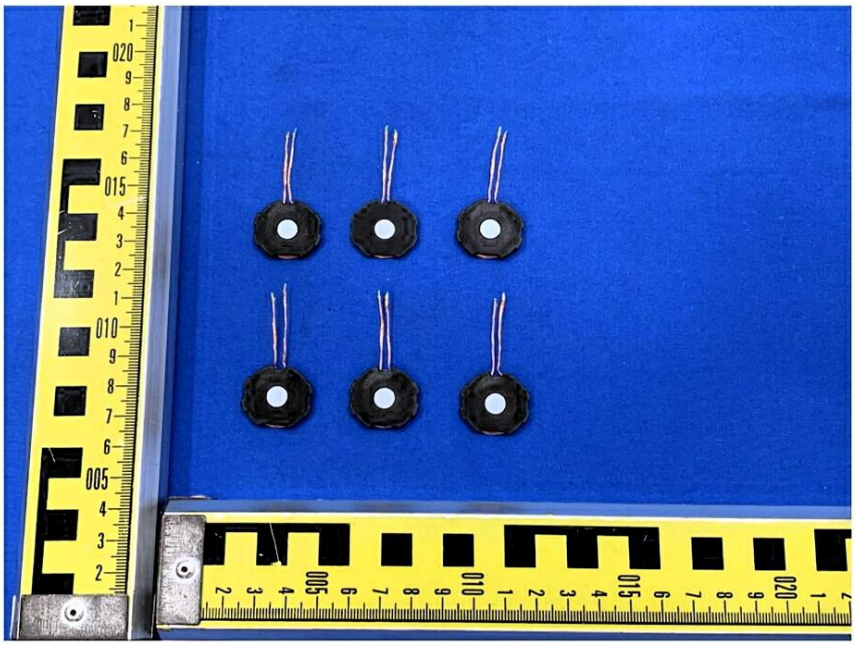


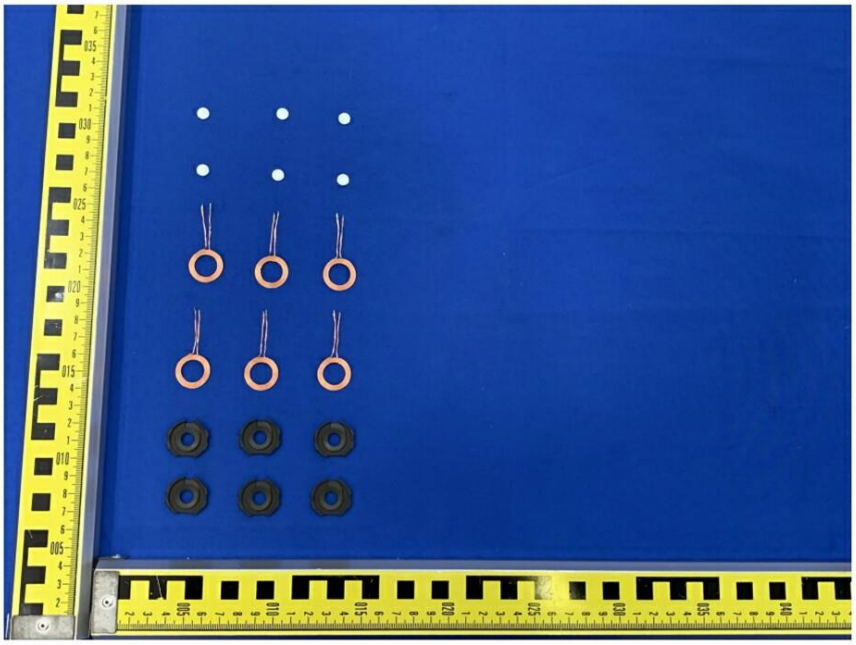
3. Test Flow chart for PBBs & PBDEs & DBP & BBP & DEHP & DIBP content

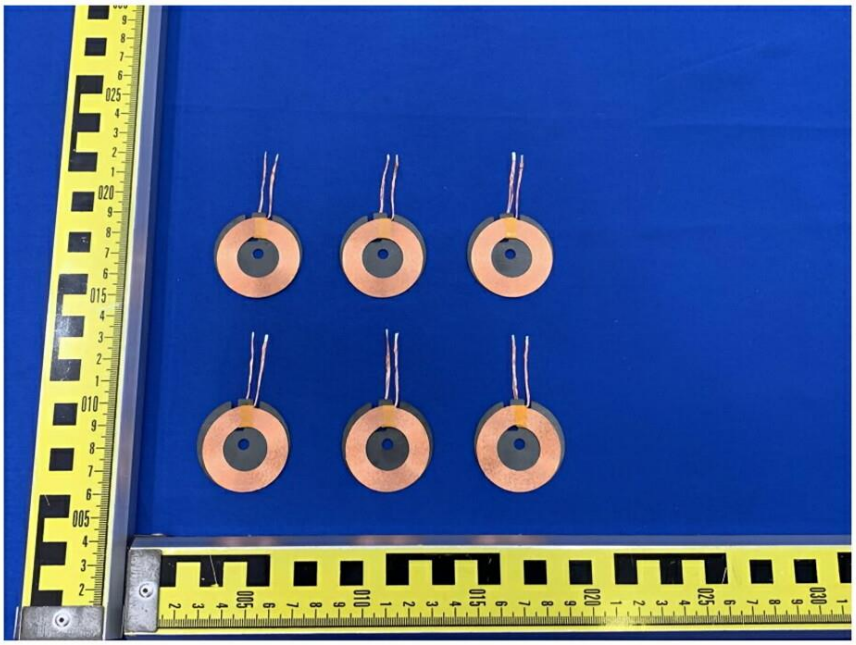


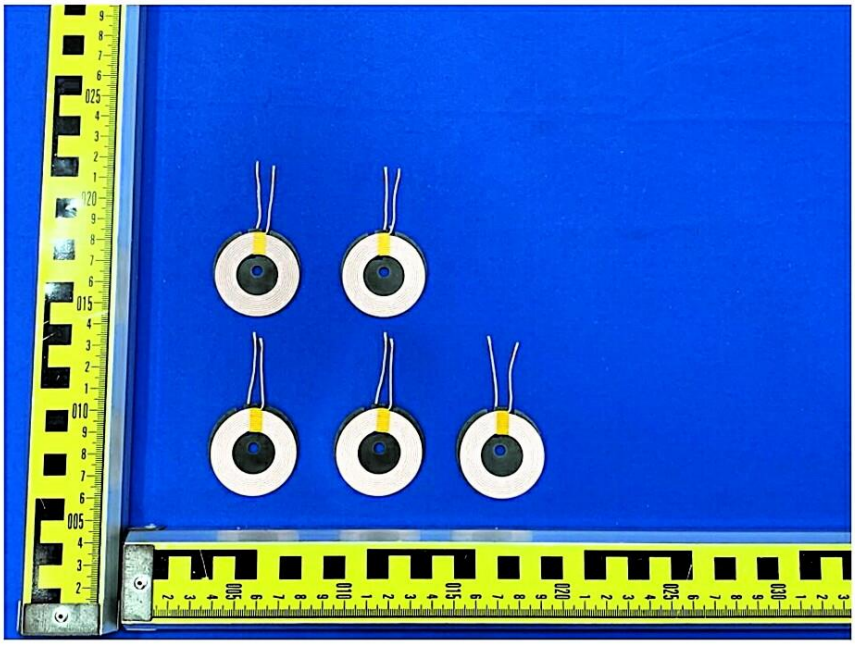
The photo of the samp











END OF REPORT