

Prepared for:

EDA Technology Shanghai Co.,Ltd

Building 29, Shengchuang Enterprise Park, No.1661 Jialuo Road, Jiading District, Shanghai, PRC

Product Name:	CM4 Sensing
Model No.:	ED-CM4SEN, ED-CM4SEN-PJ, ED-CM4SEN-I
Trade Mark:	
Date of Test:	From April 23, 2024 to April 28, 2024
Date of Report:	May 06, 2024

HK2404236350-1RR

#### Prepared by:

Report Number:

Shenzhen HUAK Testing Technology Co., LTD.

1-2/F., Building B2, Junfeng Zhongcheng Zhizao Innovation Park, Heping Community, Fuhai Street, Bao'an District, Shenzhen, Guangdong, China

The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by HUAK, this document cannont be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at http://www.cer-mark.com.

TEL:+86-755 2302 9901 FAX:+86-755 2302 9901 E-mail: service@cer-mark.com



REPORT No.: HK2404236	350-1RR Date: May 06, 2024	Page 2 of 55
Applicant:	EDA Technology Shanghai Co.,Ltd	
Address:	Building 29, Shengchuang Enterprise Park, Jiading District, Shanghai, PRC	, No.1661 Jialuo Road,
Manufacturer:	EDA Technology Shanghai Co.,Ltd	
Address:	Building 29, Shengchuang Enterprise Park, Jiading District, Shanghai, PRC	, No.1661 Jialuo Road,
The following sample w	as submitted and identified by/on behalf of the clie	ent as:
Product Name:	CM4 Sensing	
Model No.:	ED-CM4SEN	
Series No:	ED-CM4SEN-PJ, ED-CM4SEN-PT	
Trade Mark:		
Sample Receiving Date	April 23, 2024	
Testing Period:	From April 23, 2024 to April 28, 2024	
Results:	Please refer to next page(s).	****
Summary of Test Result	ts:	
Test Requested:	According to customer's requirements, Split the sam Cd, Hg, Cr(VI), PBBs & PBDEs, DBP, BBP, DEHP, D	
Conclusion:	Base upon the performed tests by submitted sample the limits as set by Directive (EU) 2015/863 - Amend 2011/65/EU (RoHS 2.0) Annex II.	

-FIF

Signed for and on behalf of HUAK

hou ason

Approved by:

Lab Manager

The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by HUAK, this document cannont be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at http://www.cer-mark.com.

TEL: +86-755 2302 9901 FAX: +86-755 2302 9901 E-mail: service@cer-mark.com



REPORT No.: HK2404236350-1RR

Date: May 06, 2024

Page 3 of 55

#### Information of the Test Laboratory

Shenzhen HUAK Testing Technology Co., Ltd.

Add.: 1-2/F., Building B2, Junfeng Zhongcheng Zhizao Innovation Park, Heping Community, Fuhai Street, Bao'an District, Shenzhen, Guangdong, China

Testing Laboratory Authorization:

A2LA Accreditation Code is 4781.01.

FCC Designation Number is CN1229.

Canada IC CAB identifier is CN0045.

CNAS Registration Number is L9589.

CPSC Certification Number is 1710.

#### Test Method:

- 1. Sample prepared with reference to IEC 62321-1:2013 / IEC 62321-2:2021
- 2. Sample Screening testing with reference to IEC 62321-3-1:2013
- 3. Wet Chemical Test Method
  - a. Determination of Lead, Cadmium by ICP-OES with reference to IEC 62321-5:2013
  - b. Determination of Mercury by ICP-OES with reference to IEC 62321-4:2013+AMD1:2017

c. Determination of Hexavalent Chromium in colourless and coloured corrosion-protected coatings on metals by UV-VIS method reference to IEC 62321-7-1:2015

d. Determination of Hexavalent Chromium in polymers and electronics by UV-Vis Method with reference to IEC 62321-7-2:2017.

- e. Determination of PBBs and PBDEs by GC-MS with reference to IEC 62321-6:2015
- f. Determination of DBP, BBP, DEHP and DIBP by GC-MS with reference to IEC 62321-8:2017

The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by HUAK, this document cannont be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at http://www.cer-mark.com

TEL: +86-755 2302 9901 FAX: +86-755 2302 9901 E-mail: service@cer-mark.com



Part No.	Part Name	Restricted Substances	Result of EDXRF (1)	Result of Chemical Testing (2) (mg/kg)	Conclusion of RoHS
		Pb 💕	BL		Comply
		Cd	BL	KTESTING	Comply
		Hg	BL 💿	HUM.	Comply
HUAKTES		Cr(VI)	BL	HUAKTEST	Comply
1	Silver metal	PBBs			NA
1	Silver metal	PBDEs			NA
TESTING		DBP			NA
UAKIL		BBP	HUAKTE	-ULAN IL	NA
36		DEHP			NA
ESTIME		DIBP	- Clin	1AN ESTINC	NA
	- WLAN TEST	Pb	BL	O <sup>10</sup>	Comply
		Cd	BL	mi-	Comply
		Hg	BL	HUAK TEST.	Comply
TES		Cr(VI)	BL	TESTIN	Comply
2	Black coating	PBBs	BL	HUAN.	Comply
2	Black coalling	PBDEs	BL		Comply
		DBP			NA
JAK TESTIN		BBP	NIAM TESTIN	TAKTESTIN	NA
		DEHP	O''	0	NA
STING		DIBP			NA
	TESTING	Pb	BL	HUAK	Comply
		Cd	BL		Comply
		Hg	BL	K TESTING	Comply
		Cr(VI)	BL 💿	HUR	Comply
3	Silver metal shell	PBBs	HUAKTE	HUAKTESI	NA
5	base material	PBDEs			NA
		DBP			NA
TESTIN		BBP	TESTING	TESTING	NA
UAK		DEHP	HUAKIL	and the second	NA
		DIBP			NA

The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by HUAK, this document cannont be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at http://www.cer-mark.com.

TEL:+86-755 2302 9901 FAX:+86-755 2302 9901 E-mail: service@cer-mark.com



UPAC OTT	No.: HK2404236350-11	UT Duic.	May 06, 2024	Result of	ge 5 of 55
Part No.	Part Name	Restricted Substances	Result of EDXRF (1)	Chemical Testing (2) (mg/kg)	Conclusion or RoHS
	UNAK TESTIN	Pb	BL	O HO	Comply
5	O Hu	Cd	BL		Comply
		Hg	BL	WAKTESTIN	Comply
18	TING KTESTING	Cr(VI)	BL	TESTIN	Comply
4	White, black	PBBs	BL	HUAK	Comply
-	coating	PBDEs	BL		Comply
		DBP			NA
INK TESTIN	S JAK TESTINIS	BBP	NK TESTING		NA
10m	O HUM	DEHP	O +0	0 <u>+0</u>	NA
TING		DIBP			NA
(ED	resting	Pb	BL	HUAKTES	Comply
	HUAKIL	Cd	BL	· · ·	Comply
	w.	Hg	BL	TESTING	Comply
	- G	Cr(VI)	BL	HUAK	Comply
5	Block silvertage	PBBs	BL		Comply
°,	Black, silver tags	PBDEs	BL	C. Ho	Comply
		DBP			NA
TIN	3 TING	BBP	TING		NA
IUAK TED	HUAKTES	DEHP	HUAN TES	THAN TEST	NA
	0	DIBP	<u> </u>	····	NA
<b>TESTING</b>	-16	Pb	BL	AN TESTING	Comply
	HAKTESTING	Cd	BL	O HOM	Comply
6	OH	Hg	BL		Comply
		Cr(VI)	BL	MAKTESTIN	Comply
0	Black coating	PBBs	Trading (		NA
6	6 (silver metal screws)	PBDEs	HUAN	- HUAK TL	NA
Ð		DBP			NA
		BBP			NA
AKTESTIN	S AKTESTING	DEHP	ok resting		NA
AUPIC .	HUAN	DIBP	HUAT	HUAR	NA

The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by HUAK, this document cannont be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at http://www.cer-mark.com.

TEL: +86-755 2302 9901 FAX: +86-755 2302 9901 E-mail: service@cer-mark.com



Part No.	Part Name	Restricted Substances	Result of EDXRF (1)	Result of Chemical Testing (2) (mg/kg)	Conclusion or RoHS
	WAN TESTIN	Pb	BL	O 10"	Comply
8	0	Cd	BL		Comply
		Hg	BL	WANTESIN	Comply
TE	STING CALESTING	Cr(VI)	BL	TESTIN	Comply
7	Black coating (silver metal	PBBs	HUAN	HUAK	NA
	screws)	PBDEs			NA
		DBP			NA
AKTESTIN	AK TESTING	BBP	NK TESTING		NA
10hu	O HUL	DEHP	O HUM	0 <u>+</u>	NA
TING		DIBP		TING	NA
Eo	STING	Pb	BL	HUANTES	Comply
	HUAKTE	Cd	BL	·	Comply
8		Hg	BL	esting	Comply
		Cr(VI)	BL	HUAKIL	Comply
8	Black plastic slide	PBBs	BL	JAK TESTIN	Comply
8	o rail	PBDEs	BL	O HU	Comply
		DBP		N.D.	Comply
- TRI	3	BBP		N.D.	Comply
WAKTEST	HUAKTEST	DEHP	HUAKTES	N.D.	Comply
	0	DIBP	····	N.D.	Comply
ESTINO		Pb	BL	TESTING	Comply
	NK TESTING	Cd	BL	CHUAN	Comply
	O HUM	Hg	BL	(	Comply
		Cr(VI)	BL	10K TESTINIS	Comply
	TING TESTING	PBBs	Terms (	PIC.	NASING
9	Silver screw	PBDEs	HUAK	HUAKTES	NA
Ð		DBP			NA
		BBP			NA
V TESTIN	3 TESTING	DEHP	- STING	TESTING	NA
WAR	HUAN	DIBP	HUAN	HUAN	NA

FICATION

The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by HUAK, this document cannont be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at http://www.cer-mark.com.

TEL: +86-755 2302 9901 FAX: +86-755 2302 9901 E-mail: service@cer-mark.com



	No.: HK2404236350-11	NIX Dale.	May 06, 2024	Result of	ge 7 of 55
Part No.	Part Name	Restricted Substances	Result of EDXRF (1)	Chemical Testing (2) (mg/kg)	Conclusion on RoHS
		Pb	BL	O HO	Comply
	0	Cd	BL	-miG	Comply
		Hg	BL	WAK TEST	Comply
.10		Cr(VI)	BL	TESTIN	Comply
10	Silver metal gasket	PBBs	HUM	HUAK	NA
10	Silver metal gasket	PBDEs			NA
		DBP			NA
NK TESTIN		BBP	OK TESTING		NA
Dra		DEHP	O HUM	0 <u>+0</u>	NA
TING		DIBP			NA
ED	TESTING	Pb	OL <sup>1</sup>	1.9*10 <sup>4</sup>	Comply
		Cd	BL	· · ·	Comply
		Hg	BL	TESTING	Comply
		Cr(VI)	BL o	HUAK	Comply
11	Silver metal nut	PBBs	HUAKTEST		NA
D AM	Silver metal hut	PBDEs		C. Ho	NA
		DBP			NA
The		BBP	TING		NA
NAK TED.		DEHP	HUAK TES	THAN TEST	NA
		DIBP		····	NA
ESTING	.6	Pb	BL	W TESTING	Comply
		Cd	AK TESTING	O HUM	Comply
		Hg	BL		Comply
		Cr(VI)	BL	ALAK TESTING	Comply
10	Silver metal gasket	PBBs	Treating (		NA
12		PBDEs	HUAR	HUAKTL	NA
Ð		DBP			NA
		BBP			NA
K TESTIN		DEHP	or sesting		NA
Upin		DIBP	HUA-	HUAN	NA

The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by HUAK, this document cannont be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at http://www.cer-mark.com.

TEL: +86-755 2302 9901 FAX: +86-755 2302 9901 E-mail: service@cer-mark.com



Part No.	Part Name	Restricted Substances	Result of EDXRF (1)	Result of Chemical Testing (2) (mg/kg)	Conclusion on RoHS
		Pb	OL <sup>1</sup>	1.5*104	Comply
6	0	Cd	BL	Bin	Comply
		Hg	BL	HUAKTESIN	Comply
TES		Cr(VI)	BL	TESTIN	Comply
13	Silver screw	PBBs	D HUM	HUAK	NA
10		PBDEs			NA
-		DBP			NA
JAK TESTING		BBP	OK TESTING		NA
HON		DEHP	O +0	O Hor	NA
TING		DIBP			NA
TED		Pb	BL	HUAKTED	Comply
		Cd	BL	· · · ·	Comply
		Hg	BL	TESTING	Comply
		Cr(VI)	BL	HUAK	Comply
14	Black plastic	PBBs	BL		Comply
014	Diack plastic	PBDEs	BL	C. Hu	Comply
		DBP			NA
STINE		BBP	STING		NA
HUAKTED		DEHP	HUAKTES	MAR TES	NA
		DIBP			NA
<b>TESTINO</b>	- G	Pb	BL	AN TESTING	Comply
		Cd	BL	O HUM	Comply
		Hg	BL		Comply
		Cr(VI)	BL	MAK TESTING	Comply
15	15 Black wire cover	PBBs	BL	restriv	Comply
G		PBDEs	BL BL	HUAKTL	Comply
I.		DBP		N.D.	Comply
		BBP		N.D.	Comply
AK TESTING		DEHP	ANTESTING	N.D. restruc	Comply
AUM		DIBP	O HUM	N.D.	Comply

ES FiF

The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by HUAK, this document cannont be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at http://www.cer-mark.com.

TEL: +86-755 2302 9901 FAX: +86-755 2302 9901 E-mail: service@cer-mark.com



EPORT No.: HK2404236350-1RF		KK Date:	Date: May 06, 2024		Page 9 of 55		
Part No.	Part Name	Restricted Substances	Result of EDXRF (1)	Result of Chemical Testing (2) (mg/kg)	Conclusion or RoHS		
		Pb	BL	O "	Comply		
6		Cd	BL	NG (	Comply		
		Hg	BL	WAK TESTIN	Comply		
18		Cr(VI)	BL		Comply		
16	Silver metal core	PBBs	HUAN	HUAK	NA		
010	Silver metal core	PBDEs			NA		
		DBP			NA		
AK TESTIN		BBP	ANTESTING		NA		
10 hu		DEHP	O *****	O HUM	NA		
TING		DIBP		TING	NA		
(ED.	resting	Pb	BL	HUAKTES	Comply		
		Cd	BL	· · · ·	Comply		
		Hg	BL	TESTING	Comply		
		Cr(VI)	BL	HUANCI	Comply		
17	Golden metal	PBBs	HUAKTEST	"IAK TESTIN	NA		
Day	Golden metal	PBDEs	<u> </u>	A HO	NA		
		DBP			NA		
STR		BBP	TING		NA		
IUAK TED		DEHP	HUAKTES	multitles	NA		
		DIBP			NA		
<b>TESTING</b>	-16	Pb	BL	IN TESTING	Comply		
		Cd	BL BL	O HUM	Comply		
6		Hg	BL		Comply		
		Cr(VI)	BL	WAK TESTING	Comply		
10	M/bito plastia	PBBs	BL		Comply		
18	White plastic	PBDEs	BL	HUAKT	Comply		
		DBP			NA		
		BBP			NA		
NK TESTIN		DEHP	MESTING	AKTESTING	NA		
NP2		DIBP	C HUM	C HUAT	NA		

NG

IK Per

The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by HUAK, this document cannont be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at http://www.cer-mark.com.

TEL: +86-755 2302 9901 FAX: +86-755 2302 9901 E-mail: service@cer-mark.com



Part No.	Part Name	Restricted Substances	Result of EDXRF (1)	Result of Chemical Testing (2) (mg/kg)	Conclusion on RoHS
		Pb	BL	O HOM	Comply
		Cd	BL	Blan	Comply
		Hg	BL	AUAK TESTIN	Comply
TES		Cr(VI)	BL	TESTIN	Comply
19	Silver screw	PBBs	0 HUM	HUAN Y	NA
10		PBDEs			NA
		DBP			NA
AK TESTING		BBP	OK TESTING		NA
0		DEHP	O HD	0 <u>+0</u>	NA
TING		DIBP		TING	NA
ED		Pb	BL	HUAKTES	Comply
		Cd	BL	<u> </u>	Comply
	<b>W</b>	Hg	BL	TESTING	Comply
		Cr(VI)	BL	HUAK	Comply
20	Blue soft glue	PBBs	BL	HAK TESTIN	Comply
20	Dide son gide	PBDEs	BL		Comply
		DBP		N.D.	Comply
STING		BBP	GTING	N.D.	Comply
NAK TED		DEHP	HUAKTE	N.D.	Comply
		DIBP		N.D.	Comply
ESTINIO	-16	Pb	BL	NKTESTING	Comply
		Cd	BL	O +0	Comply
		Hg	BL		Comply
		Cr(VI)	IN	N.D.	Comply
21	Silver metal	PBBs	K TESTING		NA
21	21 Silver metal	PBDEs	HUAN	HUAKIL	NA
		DBP			NA
		BBP			NA
NKTESTING		DEHP	NEESTING		NA
10m		DIBP	O HUM	CO HUM	NA

The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by HUAK, this document cannont be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at http://www.cer-mark.com.

TEL: +86-755 2302 9901 FAX: +86-755 2302 9901 E-mail: service@cer-mark.com



	No.: HK2404236350-1	Dale.	May 06, 2024	Result of	ge 11 of 55
Part No.	Part Name	Restricted Substances	Result of EDXRF (1)	Chemical Testing (2) (mg/kg)	Conclusion or RoHS
		Pb	BL	O HO	Comply
ē.	O hu	Cd	BL	- Ola	Comply
		Hg	BL	WAKTESTIN	Comply
TE		Cr(VI)	IN	N.D.	Comply
22	Silver metal	PBBs	C HUNT	HUAK	NA
<i>22</i>	Silver metal	PBDEs			NA
		DBP			NA
AKTESTIN		BBP	NK TESTING		NA
ADM		DEHP	O HUM	0 <u>+0</u>	NA
TING		DIBP			NA
(ED.	- STING	Pb	BL	HUAKTED	Comply
		Cd	BL	· · ·	Comply
		Hg	BL	restring	Comply
		Cr(VI)	BL	HUAKIC	Comply
23	Green plastic	PBBs	BL		Comply
23	frame	PBDEs	BL	CO HO	Comply
		DBP		N.D.	Comply
TIN		BBP	TING	N.D.	Comply
HUAKTES		DEHP	HUAK TES	N.D.	Comply
		DIBP	·	N.D.	Comply
<b>TESTING</b>	.6	Pb	BL	W TESTING	Comply
		Cd	BL	O HUAN	Comply
<i>.</i>		Hg	BL		Comply
		Cr(VI)	BL	ALAK TESTING	Comply
04	mic City and Came (	PBBs	TEEDING (		NA
24	24 Silver metal pin	PBDEs	HUAR	HUAKTL	NA
Ð		DBP			NA
		BBP			NA
K TESTIN		DEHP	New STING		NA
HUPUT		DIBP	O HUAT	HUAN HUAN	NA

C al)

The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by HUAK, this document cannont be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at http://www.cer-mark.com.

TEL: +86-755 2302 9901 FAX: +86-755 2302 9901 E-mail: service@cer-mark.com



Part No.	Part Name	Restricted Substances	Result of EDXRF (1)	Result of Chemical Testing (2) (mg/kg)	Conclusion on RoHS
		Pb	DAKTESTIBL	O HOM	Comply
	On	Cd	BL	-NG	Comply
		Hg	BL	JUAN TESTIN	Comply
TES		Cr(VI)	BL	TESTIN	Comply
25	White plastic	PBBs	BL	HUAK	Comply
20	White plastic	PBDEs	BL		Comply
		DBP			NA
NK TESTING		BBP	NK TESTING		NA
10m		DEHP	O HUM	0 <u>++0</u>	NA
TING		DIBP		TING	NA
ED	-csTING	Pb	BL	HUANTED	Comply
		Cd	BL	· · ·	Comply
	w.	Hg	BL	TESTING	Comply
		Cr(VI)	BL	HUAKIN	Comply
26	<b>Diack plantia</b>	PBBs	BL	- UAK TESTIN	Comply
20	Black plastic	PBDEs	BL	O HO	Comply
		DBP			NA
CTING		BBP	TING		NA
NAK TED		DEHP	HUAK TES	THAN TES	NA
		DIBP			NA
ESTINO	.6	Pb	BL	NK TESTING	Comply
		Cd	BL	O HUM	Comply
6		Hg	BL		Comply
		Cr(VI)	BL	WIAK TESTING	Comply
27 Silver metal	Cilver restal	PBBs	TEEDING (		NA
	Sliver metal	PBDEs	HUAN	HUAKIL	NA
Ð		DBP			NA
		BBP			NA
AKTESTING		DEHP	ok ssting		NA
UP		DIBP	C HUAN	HUAN	NA

FICATION

The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by HUAK, this document cannont be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at http://www.cer-mark.com.

TEL: +86-755 2302 9901 FAX: +86-755 2302 9901 E-mail: service@cer-mark.com



	No.: HK2404236350-1	Date.	May 06, 2024	Result of	ge 13 of 55
Part No.	Part Name	Restricted Substances	Result of EDXRF (1)	Chemical Testing (2) (mg/kg)	Conclusion or RoHS
		Pb	BL	O 110"	Comply
3	On	Cd	BL	- Olm-	Comply
		Hg	BL	WARTESIN	Comply
TE		Cr(VI)	BL	TESTIN	Comply
28	Black plastic	PBBs	BL	HUAR	Comply
20	Black plactic	PBDEs	BL		Comply
		DBP		N.D.	Comply
UAK TESTIN		BBP	A LAK TESTING	N.D.	Comply
HO		DEHP	0 m	N.D.	Comply
GUNG		DIBP		N.D.	Comply
Ter		Pb	BL	HUAKTE	Comply
		Cd	BL		Comply
3		Hg	BL	TESTING	Comply
		Cr(VI)	BL	HUAR	Comply
29	Silver metal pin	PBBs	HUAK TES		NA
29	Silver metal pin	PBDEs	<u> </u>		NA
		DBP			NA
STR		BBP	STING	STING	NA
HUAKTEL		DEHP	HUAKTE	THURK TEL	NA
		DIBP	<u> </u>		NA
TESTING	aG	Pb	BL	OK TESTING	Comply
		Cd	BL	O HO	Comply
		Hg	BL		Comply
		Cr(VI)	BL	WAK TESTING	Comply
30	Silver metal	PBBs	K TESONG	TESTIN	NA
30	Silver Metal	PBDEs	HUAT	HUAK	NA
Ĩ		DBP			NA
6.5		BBP			NA
JAK TESTIN		DEHP	LAK SESTING	- OK TESTING	NA
HOM		DIBP	O *****	C HUM	NA

The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by HUAK, this document cannont be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at http://www.cer-mark.com.

TEL: +86-755 2302 9901 FAX: +86-755 2302 9901 E-mail: service@cer-mark.com



EPORT No.: HK2404236350-1RF		RR Date:	Date: May 06, 2024		Page 14 of 55	
Part No.	Part Name	Restricted Substances	Result of EDXRF (1)	Result of Chemical Testing (2) (mg/kg)	Conclusion or RoHS	
		Pb	BL	O HOM	Comply	
		Cd	BL	NG (	Comply	
		Hg	BL	JUAK TESTIN	Comply	
Æ		Cr(VI)	BL	TESTIN	Comply	
31	Silver metal pin	PBBs	HUAN	HUAK	NA	
51	Silver metal pin	PBDEs			NA	
		DBP			NA	
AKTESTIN		BBP	ANTESTING		NA	
0m		DEHP	O HUM	0 <u>++0</u>	NA	
TING		DIBP		TING	NA	
ED		Pb	BL	HUAKTES	Comply	
	HUANTEL	Cd	BL	····	Comply	
		Hg	BL	TESTING	Comply	
		Cr(VI)	BL 💿 🍙	HUAKT	Comply	
32	<b>Block plantin</b>	PBBs	BL		Comply	
32	Black plastic	PBDEs	BL	O HO	Comply	
		DBP			NA	
TIN		BBP	TING	cTING	NA	
UAK TED.		DEHP	HUAKTES	THAK TES	NA	
		DIBP			NA	
ESTING	.C.	Pb	BL	AK TESTING	Comply	
		Cd	BL	O HUM	Comply	
		Hg	BL		Comply	
		Cr(VI)	BL	WIAK TESTING	Comply	
an come	City and State	PBBs	TRAING 0		NASTING	
33	33 Silver metal	PBDEs	HUAN	HUAK TEL	NA	
Ð		DBP		<u></u>	NA	
		BBP			NA	
K TESTIN		DEHP	A SESTING		NA	
Upit		DIBP	HUP	HUAT	NA	

ΑF

The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by HUAK, this document cannont be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at http://www.cer-mark.com.

TEL: +86-755 2302 9901 FAX: +86-755 2302 9901 E-mail: service@cer-mark.com



NAK	No.: HK2404236350-1F	Restricted	May 06, 2024 Result of	Result of Chemical	ge 15 of 55 Conclusion or
Part No.	Part Name	Substances	EDXRF (1)	Testing (2) (mg/kg)	RoHS
	WAKTESTIN	Pb	BL	0 HUM	Comply
5	0"	Cd	BL	Bla	Comply
		Hg	BL	JUAK TESTIN	Comply
18	STANG CENTRESTANG	Cr(VI)	BL	TESTIN	Comply
34	Silver metal pin	PBBs	HUAN	HUAK	NA
54	Silver metal pin	PBDEs		<u> </u>	NA
		DBP			NA
NK TESTIN	a AKTESTING	BBP	NK TESTING		NA
10m	O HUM	DEHP	O HUM	0 <u>+0</u>	NA
TING		DIBP		TING	NA
ED	resting	Pb	BL	HUAKTES	Comply
	HUAKIL	Cd	BL	<u> </u>	Comply
		Hg	BL	TESTING	Comply
	-16 -m <sup>16</sup>	Cr(VI)	BL	HUAK	Comply
35	Black plastic base	PBBs	BL		Comply
55	Diack plastic base	PBDEs	BL	Q. <sup>10</sup>	Comply
		DBP			NA
STIN	3 STING	BBP	STING		NA
WAKTER	HUAKTES	DEHP	HUAKTE	PRIOR TEL	NA
		DIBP	<u> </u>	<u> </u>	NA
<b>ESTING</b>	- 1G	Pb	BL	WKTESTING	Comply
	MAKTESTIN	Cd	BL	0 HUM	Comply
6	Om	Hg	BL	- Dia	Comply
		Cr(VI)	BL	WAR TESTIN	Comply
26	Silvormatal	PBBs	K TESTING		NA
36	Silver metal	PBDEs	HUAN	HUAK IL	NA
		DBP		<i></i>	NA
6.5		BBP			NA
NK TESTIN	NK TESTING	DEHP	ANTESTING		NA
10m	HUM	DIBP	MUL-	HUM	NA

NG

¦К

The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by HUAK, this document cannont be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at http://www.cer-mark.com.

TEL: +86-755 2302 9901 FAX: +86-755 2302 9901 E-mail: service@cer-mark.com



EPORT	No.: HK2404236350-1	KK Date:	May 06, 2024	Page 16 of 55 Result of	
Part No.	Part Name	Restricted Substances	Result of EDXRF (1)	Chemical Testing (2) (mg/kg)	Conclusion or RoHS
		Pb	BL	O 10	Comply
		Cd	BL		Comply
		Hg	BL	UNAK TESTIN	Comply
TES		Cr(VI)	BL	TESTIN	Comply
37	Black plastic	PBBs	IN IN	N.D.	Comply
0,	Didok placito	PBDEs	IN	N.D.	Comply
		DBP		N.D.	Comply
JAK TESTING		BBP	LAK TESTING	N.D.	Comply
10.		DEHP	O +0	N.D.	Comply
TING		DIBP		N.D.	Comply
Eu		Pb	BL	HUAKTES	Comply
		Cd	BL		Comply
S		Hg	BL	TESTING	Comply
		Cr(VI)	BL	HUAK .	Comply
38	Silver metal pin	PBBs	HUAK TEST		NA
30	Silver metal pin	PBDEs		() <sup>(1)</sup>	NA
		DBP			NA
STING	STING	BBP	GTING		NA
WAKTER		DEHP	HUAKTE	THUNK TEL	NA
		DIBP			NA
ESTINO	ъG	Pb	BL	NK TESTING	Comply
		Cd	BL	0 HOM	Comply
		Hg	BL		Comply
		Cr(VI)	IN	N.D.	Comply
39	Silver metal	PBBs	K TESTING	TESTIN	NA
29	Silver metai	PBDEs	HUAT	HUAK	NA
2×.		DBP		<b>W</b>	NA
		BBP			NA
AN TESTING	S AK TESTING	DEHP	AK SESTING	- AKTESTING	NA
10m		DIBP	6 HU	6 HUM	NA

The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by HUAK, this document cannont be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at http://www.cer-mark.com.

TEL: +86-755 2302 9901 FAX: +86-755 2302 9901 E-mail: service@cer-mark.com



EPORT No.: HK2404236350-1R		RR Date:	R Date: May 06, 2024		Page 17 of 55	
Part No.	Part Name	Restricted Substances	Result of EDXRF (1)	Result of Chemical Testing (2) (mg/kg)	Conclusion on RoHS	
	WUAK TESTIN	Pb	JAK TESTIBL	O HO	Comply	
5	0"	Cd	BL	-NG	Comply	
		Hg	BL	JUAN TESTIN	Comply	
. TE	TING X TESTING	Cr(VI)	BL	TESTIN	Comply	
40	Silver metal pin	PBBs	HUM	HUAK	NA	
-0	Silver metal pin	PBDEs			NA	
		DBP			NA	
NKTESTIN	S NY TESTING	BBP	OK TESTING		NA	
HOM	O HOM	DEHP	O HU/	0 <u>++0</u>	NA	
TING		DIBP			NA	
TED	resting	Pb	BL	HUAKTES	Comply	
	HUAKTE	Cd	BL	· · ·	Comply	
8	w.	Hg	BL	TESTING	Comply	
	- 10 - 110 - DI	Cr(VI)	BL o	HUAKIN	Comply	
41	Plack plactic base	PBBs	BL	- AK TESTIN	Comply	
41	Black plastic base	PBDEs	BL	O HO	Comply	
		DBP			NA	
TIN	5 CTING	BBP	TING		NA	
HUAK TES	HUAKTES	DEHP	HUAKTES	THAN TES	NA	
		DIBP			NA	
<b>TESTING</b>	-6	Pb	BL	NY TESTING	Comply	
	HAKTESTING	Cd	AK TESTING	O HUM	Comply	
r:	O.m.	Hg	BL	NG-	Comply	
		Cr(VI)	BL	WAK TESTING	Comply	
40	Plook plootio	PBBs	BL <sup>NG</sup>		Comply	
42	Black plastic	PBDEs	BL	HUAKIL	Comply	
I.		DBP			NA	
0.94		BBP			NA	
OKTESTIN	AK TESTING	DEHP	NKTESTING	- AK TESTING	NA	
HUM	O HUM	DIBP	O HUM	C HUM	NA	

The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by HUAK, this document cannont be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at http://www.cer-mark.com.

TEL: +86-755 2302 9901 FAX: +86-755 2302 9901 E-mail: service@cer-mark.com



REPORT	No.: HK2404236350-1	RR Date:	Date: May 06, 2024		Page 18 of 55	
Part No.	Part Name	Restricted Substances	Result of EDXRF (1)	Result of Chemical Testing (2) (mg/kg)	Conclusion on RoHS	
	UNAK TESTIN	Pb	BL	O 107	Comply	
G	0"	Cd	BL		Comply	
		Hg	BL	WANTESTIN	Comply	
Æ	TING A TESTING	Cr(VI)	BL	TESTIN	Comply	
43	Silver metal pin	PBBs	HUAN	HUAK	NA	
<b>9</b> 43	Silver metal pin	PBDEs			NA	
		DBP			NA	
NK TESTIN	S NK TESTING	BBP	ANTESTING		NA	
HOM	O HOM	DEHP	O HUM	0 <u>++0</u>	NA	
TING		DIBP		TING	NA	
TED	resting	Pb	BL	HUANTES	Comply	
	HUAKTEL	Cd	BL	· · ·	Comply	
3	÷	Hg	BL	TESTING	Comply	
		Cr(VI)	BL 💿 🍙	HUAKIN	Comply	
44	Black, silver	PBBs	BL		Comply	
644	stickers	PBDEs	BL	O HO	Comply	
		DBP			NA	
-TRV	3 CTING	BBP	TING	criniG	NA	
HUAK TES	HUAKTES	DEHP	HUAKTES	THAN TES	NA	
		DIBP			NA	
TESTING	.6	Pb	BL	NK TESTING	Comply	
	1 AK TESTING	Cd	BL	O HUA	Comply	
3	O Hur	Hg	BL		Comply	
		Cr(VI)	BL	IN LAK TESTING	Comply	
45	Die els alestia	PBBs	BL		Comply	
45	Black plastic	PBDEs	BL	HUAK TE	Comply	
Ŷ		DBP		N.D.	Comply	
		BBP		N.D.	Comply	
AKTESTIN	S AKTESTING	DEHP	ANTESTING	N.D. restruc	Comply	
HUP	CO HUAN	DIBP	C HUAT	N.D.	Comply	

FICATION

The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by HUAK, this document cannont be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at http://www.cer-mark.com.

TEL: +86-755 2302 9901 FAX: +86-755 2302 9901 E-mail: service@cer-mark.com



Part No.	Part Name	Restricted Substances	Result of EDXRF (1)	Result of Chemical Testing (2) (mg/kg)	Conclusion on RoHS
	WAK TESTIN	Pb	MATTEST BL	O 10"	Comply
ē.	0	Cd	BL		Comply
		Hg	BL	WANTESTIN	Comply
.18	TING ANTESTING	Cr(VI)	BL	TESTIN	Comply
46	Black PCB board	PBBs	BL	HUAK	Comply
-0	Diack I CD Doard	PBDEs	BL		Comply
		DBP		N.D.	Comply
NKTESTIN	S LON TESTING	BBP	OK TESTING	N.D.	Comply
ADM-	O HOM	DEHP	O HUM	N.D.	Comply
TING		DIBP		N.D.	Comply
(ED.	CSTING	Pb	BL	HUANTES	Comply
	HUAKIL	Cd	BL	· · ·	Comply
6		Hg	BL	esting	Comply
	-G	Cr(VI)	BL	HUAKIL	Comply
AXTE	Silver metal solder	PBBs	UNAK TESTIN	VIAX TESTIN	NA
47	joints	PBDEs	<u> </u>	CO HO.	NA
		DBP			NA
TIN	5 TING	BBP			NA
HUAK TES	HUAKTES	DEHP	HUAN TES	THAN TES	NA
	0	DIBP	····	· · · ·	NA
<b>TESTING</b>	.0	Pb	BL	W TESTING	Comply
	IAK TESTING	Cd	BL	O HUAN	Comply
	O HD	Hg	BL		Comply
		Cr(VI)	BL	IAK TESTING	Comply
10	Pink transparent	PBBs	BL	star	Comply
48	wire cover	PBDEs	BL	HUAKTE	Comply
Ð		DBP			NA
		BBP			NA
KTESTIN	S	DEHP	WERESTING		NA
HUPIT	HUAN	DIBP	HUAN	HUAN	NA

The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by HUAK, this document cannont be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at http://www.cer-mark.com.

TEL: +86-755 2302 9901 FAX: +86-755 2302 9901 E-mail: service@cer-mark.com



Part No.	No.: HK2404236350-1	Restricted Substances	May 06, 2024 Result of EDXRF (1)	Result of Chemical Testing (2) (mg/kg)	ge 20 of 55 Conclusion on RoHS
		Pb	BL	O 110	Comply
		Cd	BL	- Day	Comply
		Hg	BL	HUAKTESI	Comply
TE		Cr(VI)	BL	TESTIN	Comply
49	Silver metal core	PBBs	0 HOM	HUAN	NA
10		PBDEs			NA
		DBP			NA
JAK TESTIN		BBP	A LOAK TO STITUES	- LOK TESTINOS	NA
0.		DEHP	0 m	0 <u>++0</u>	NA
TING		DIBP			NA
ED	HUNKTESTING	Pb	BL	HUAKTED	Comply
		Cd	BL	·	Comply
		Hg	BL	TESTING	Comply
		Cr(VI)	BL	HUAK	Comply
50	Blue rubber	PBBs	BL		Comply
50	Blue lubbel	PBDEs	BL	Co Ho	Comply
		DBP			NA
CTIN		BBP	STING	CTING	NA
NAK TED		DEHP	HUAN TES	THAN TES	NA
		DIBP			NA
ESTING	-16	Pb	BL	NY TESTING	Comply
		Cd	BL	O HUM	Comply
6		Hg	BL		Comply
		Cr(VI)	BL	WAK TESTING	Comply
E1 2	Ciluor motol	PBBs	TESTING		NA
51	51 Silver metal	PBDEs	DHUAN	HUAKTL	NA
Ð		DBP			NA
		BBP			NA
AK TESTIN		DEHP	ok is stille		NA
Upr		DIBP	HUAT	HUAN	NA

ES FiF

The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by HUAK, this document cannont be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at http://www.cer-mark.com.

TEL: +86-755 2302 9901 FAX: +86-755 2302 9901 E-mail: service@cer-mark.com



EPORT No.: HK2404236350-1RR			Date: May 06, 2024		ge 21 of 55
Part No.	Part Name	Restricted Substances	Result of EDXRF (1)	Result of Chemical Testing (2) (mg/kg)	Conclusion or RoHS
		Pb	BL	O HO	Comply
3		Cd	BL	Bla	Comply
		Hg	BL	AUAK TESTIN	Comply
TEST		Cr(VI)	BL	TESTIN	Comply
52	White plastic	PBBs	BL	HUAK .	Comply
52	White plastic	PBDEs	BL		Comply
		DBP			NA
NK TESTING		BBP	OK TESTING		NA
HOM		DEHP	O HU	O 100	NA
TING		DIBP			NA
TED		Pb	BL	HUAKTED	Comply
		Cd	BL		Comply
		Hg	BL	TESTING	Comply
		Cr(VI)	BL	HUAR	Comply
53	Black, silver	PBBs	BL		Comply
	stickers	PBDEs	BL	Q. ***	Comply
		DBP			NA
STING		BBP	STING		NA
HUAKTE		DEHP	HUAK TE	The Philade The	NA
		DIBP	<u> </u>	<u> </u>	NA
TESTING		Pb	BL	NKTESTING	Comply
		Cd	BL	O HOP	Comply
		Hg	BL		Comply
		Cr(VI)	BL	UNAK TESTING	Comply
54	Black plastic	PBBs	BL	TESTIN	Comply
54	Black plastic	PBDEs	BL	HUAK	Comply
		DBP		N.D.	Comply
		BBP		N.D.	Comply
10K TESTING		DEHP	ANTESTING	N.D.	Comply
HUM		DIBP	O HUM	N.D.	Comply

NG

¦К

The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by HUAK, this document cannont be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at http://www.cer-mark.com.

TEL: +86-755 2302 9901 FAX: +86-755 2302 9901 E-mail: service@cer-mark.com



Part No.	Part Name	Restricted Substances	Result of EDXRF (1)	Result of Chemical Testing (2) (mg/kg)	Conclusion on RoHS
		Pb	OL <sup>1</sup>	2*10 <sup>4</sup>	Comply
		Cd	BL	alla	Comply
		Hg	BL	WAKTESTIN	Comply
TES		Cr(VI)	BL	TESTIN	Comply
55	Silver metal	PBBs	C HUM	HUAK I	NA
00	Silver metal	PBDEs			NA
		DBP			NA
AK TESTING		BBP	OK TESTING	- AK TESTING	NA
Die		DEHP	O HU	0 <u>+0</u>	NA
TING		DIBP		TING	NA
ED		Pb	BL	HUAKTES	Comply
		Cd	BL	<u> </u>	Comply
		Hg	BL	TESTING	Comply
		Cr(VI)	BL	HUAK	Comply
56	Black plastic	PBBs	BL	HAKTESTIN	Comply
50	DIACK PIASIIC	PBDEs	BL	Q III	Comply
		DBP			NA
STING	TUNG	BBP	STING		NA
UAK TED		DEHP	HUAK TES	PLAN TES	NA
		DIBP			NA
ESTINO	-16	Pb	BL	AK TESTING	Comply
		Cd	BL	O HOM	Comply
c		Hg	BL	-10	Comply
		Cr(VI)	BL	I LAK TESTING	Comply
F7 6	Coldon matel	PBBs	v TESTING		NA
57	57 Golden metal	PBDEs	HUAN	HUAKIL	NA
Ð		DBP			NA
		BBP			NA
AKTESTING		DEHP	AKTESTING		NA
Un		DIBP	HUM	A HUA	NA

The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by HUAK, this document cannont be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at http://www.cer-mark.com.

TEL: +86-755 2302 9901 FAX: +86-755 2302 9901 E-mail: service@cer-mark.com



NAK	No.: HK2404236350-1	HUAN	May 06, 2024	Result of	ge 23 of 55
Part No.	Part Name	Restricted Substances	Result of EDXRF (1)	Chemical Testing (2) (mg/kg)	Conclusion on RoHS
	WUAK TESTIN	Pb	BL	O HO	Comply
8	0	Cd	BL		Comply
		Hg	BL	WANTESTIN	Comply
18	TING X TESTING	Cr(VI)	BL	TESTIN	Comply
58	Pink transparent	PBBs	BL	HUAK	Comply
50	wire cover	PBDEs	BL		Comply
		DBP			NA
NK TESTIN	S AK TESTING	BBP	AKTESTING		NA
10m	O HOM	DEHP	O HUM	0 <u>+0</u>	NA
TING		DIBP			NA
ED	TSTING	Pb	BL	HUANTES	Comply
	HUAK TES	Cd	BL	· · ·	Comply
5		Hg	BL	esting	Comply
	-G	Cr(VI)	BL 💿	HUAKIL	Comply
FOXTE	C'H AN ALAN TESTIN	PBBs	JUAK TESTIN	JAK TESTIN	NA
59	Silver metal core	PBDEs	<u> </u>	O HD.	NA
		DBP			NA
- Th	5 TUNG	BBP			NA
WAKTES	HUAKTES	DEHP	HUAN TES	THAK TES	NA
		DIBP	····	· · ·	NA
ESTING	.0	Pb	BL	W TESTING	Comply
	JAK TESTING	Cd	BL	O HUA	Comply
	O HO	Hg	BL	(	Comply
		Cr(VI)	BL	IAK TESTING	Comply
00	THE TESTING	PBBs	BL	STA	Comply
60	60 Dark blue rubber	PBDEs	BL	HUAKTE	Comply
Ð		DBP			NA
		BBP			NA
K TESTIN	6 K TESTING	DEHP	WTESTING	TESTING	NA
WAR	HUAN	DIBP	HUAN	HUAN	NA

C al)

The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by HUAK, this document cannont be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at http://www.cer-mark.com.

TEL: +86-755 2302 9901 FAX: +86-755 2302 9901 E-mail: service@cer-mark.com



Part No.	Part Name	Restricted Substances	Result of EDXRF (1)	Result of Chemical Testing (2) (mg/kg)	Conclusion on RoHS
		Pb	JAK TESTIBL	O 10"	Comply
		Cd	BL		Comply
		Hg	BL	WAKTESIN	Comply
TE		Cr(VI)	BL	TESTIN	Comply
61	Silver metal	PBBs	D HUM	HUAK	NA
01	Cirver metal	PBDEs			NA
		DBP			NA
AK TESTIN		BBP	OK TESTING		NA
(Or		DEHP	O +0	O HOM	NA
TNG		DIBP			NA
ED		Pb	BL	HUAKTES	Comply
	HUANTE	Cd	BL	· · ·	Comply
		Hg	BL	TESTING	Comply
		Cr(VI)	BL o	HUAKIN	Comply
62		PBBs	BL		Comply
02	White plastic	PBDEs	BL	Q HO	Comply
		DBP			NA
CTIN		BBP	TING		NA
NAK TED.		DEHP	HUAK TES	THAK TES	NA
		DIBP	<u> </u>	· · ·	NA
ESTING	.G.	Pb	BL	NK TESTING	Comply
		Cd	BL	O HUM	Comply
5		Hg	BL		Comply
		Cr(VI)	BL	IAK TESTING	Comply
63 Black print (Silve sticker)	Black print (Silver	PBBs	BL <sup>NG</sup>		Comply
	sticker)	PBDEs	BL		Comply
		DBP			NA
		BBP			NA
K TESTIN		DEHP	ok TESTING		NA
Upr		DIBP	HUA-	CO HUAN	NA

FICATION

The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by HUAK, this document cannont be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at http://www.cer-mark.com.

TEL: +86-755 2302 9901 FAX: +86-755 2302 9901 E-mail: service@cer-mark.com



REPORT No.: HK2404236350-1RR

Date: May 06, 2024

Page 25 of 55

#### Remark:

(a) When conducting the test for PBBs&PBDEs, XRF was introduced to screen Br Exclusively, When conducting the test for Hexavalent Chromium, XRF was introduced to screen Chromium exclusively.

(b)Results are obtained by EDXRF for primary screening, and further chemical testing by ICP-OES (for Cd, Pb, Hg), UV-Vis (for Cr (VI)) and GC/MS (for PBBs, PBDEs) is recommended to be performed, if the concentration exceeds the below warning value according to IEC62321-3-1:2013 (unit: mg/kg)

Element	Polymer	Metal	Composite Materials
Cd	BL≤(70-3σ) <x<(130+3σ) ≤OL</x<(130+3σ) 	BL≤(70-3σ) <x<(130+3σ) ≤OL</x<(130+3σ) 	LOD <x<(150+3σ) td="" ≤ol<=""></x<(150+3σ)>
Pb	BL≤(700-3σ) <x<(1300+3σ) ≤OL</x<(1300+3σ) 	BL≤(700- 3σ) <x<(1300+3σ) td="" ≤ol<=""><td>BL≤(500- 3σ)<x<(1500+3σ) td="" ≤ol<=""></x<(1500+3σ)></td></x<(1300+3σ)>	BL≤(500- 3σ) <x<(1500+3σ) td="" ≤ol<=""></x<(1500+3σ)>
Hg	BL≤(700-3σ) <x<(1300+3σ) ≤OL</x<(1300+3σ) 	BL≤(700- 3σ) <x<(1300+3σ) td="" ≤ol<=""><td>BL≤(500- 3σ)<x<(1500+3σ) td="" ≤ol<=""></x<(1500+3σ)></td></x<(1300+3σ)>	BL≤(500- 3σ) <x<(1500+3σ) td="" ≤ol<=""></x<(1500+3σ)>
Br music	BL≤(300-3σ)<Χ	HUAK'T	BL≤(250-3σ)<Χ
Cr	BL≤(700-3σ)<Χ	BL≤(700-3σ)<Χ	BL≤(500-3σ)<Χ

- (c) BL = Below warning value, OL = Over Limit, IN = Inconclusive, LOD = Limit of Detection, -- = Not Regulated, NA = Not Applicable.
- (d) The XRF screening test for RoHS elements The reading may be different to the actual content in the sample be of non-uniformity composition.
- (2) (a) 1mg/kg = 1ppm = 0.0001%, N.D.= Not Detected (<MDL), --- = Not Conducted.

(b) Unit and Method Detection Limit (MDL) in wet chemical test					0		
Test Items	Pb	Cd	Hg	DBP	BBP	o DEHP	DIBP
Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
MDL	2	2	2	100	100	100	100

The MDL for single compound of PBBs & PBDEs is 5 mg/kg, MDL of Cr(VI) for polymer & composite sample is 2 mg/kg and MDL of DBP, BBP, DEHP and DIBP is 30mg/kg.

(c) When Cr(VI) for metal sample is testing according to IEC 62321-7-1:2015, the unit is  $\mu g/cm^2$ , and the MDL is 0,10 µg/cm<sup>2</sup>. When the Cr (VI) concentration is > the 0,13 µg/cm<sup>2</sup>, the sample is positive for Cr(VI) and considered to contain Cr(VI); when the Cr (VI) concentration is N.D.(< the 0,10 µg/cm<sup>2</sup>), the sample is negative for Cr(VI) and considered a non-Cr(VI) based coating; when the Cr (VI) concentration is  $\geq$  the 0,10 µg/cm<sup>2</sup> and  $\leq$  the 0,13 µg/cm<sup>2</sup>, the result is considered to be inconclusive - Unavoidable coating variations may influence the determination.

The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by HUAK this document cannont be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at http://www.cer-mark.com



REPORT No.: HK2404236350-1RR

Date: May 06, 2024

Page 26 of 55

- (d) <sup>(i)</sup>RoHS Exemption: 6(c), Copper alloy containing up to 4 % lead by weight.
- (e) For necessary wet chemistry measurements (flame retardants, phthalates) components with a weight of less than 0.1 grams are not considered for testing and rating due to technical measurement reasons.
- (3) The maximum permissible limit is quoted from the Directive (EU) 2015/863 Amendment of EU RoHS Directive 2011/65/EU (RoHS 2.0) Annex II.

RoHS Restricted Substances	Maximum Concentration Value (by weight in homogenous materials)		
Lead (Pb)	0.1%		
Cadmium (Cd)	0.01%		
Mercury (Hg)	0.1%		
Hexavalent Chromium (Cr VI)	0.1%		
Polybrominated biphenyls (PBBs)	0.1%		
Polybrominated diphenylethers (PBDEs)	0.1%		
Dibutyl Phthalate (DBP)	0.1%		
Benzylbutyl Phthalate (BBP)	0.1%		
Bis-(2-ethylhexyl) Phthalate (DEHP)	0.1%		
Diisobutyl Phthalate (DIBP)	0.1%		

The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by HUAK, this document cannont be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at http://www.cer-mark.com.

TEL: +86-755 2302 9901 FAX: +86-755 2302 9901 E-mail: service@cer-mark.com



REPORT No.: HK2404236350-1RR

Date: May 06, 2024

Page 27 of 55

NG

IК °PB

		-	-
RoH	S Exer	nptions	10.2

Exemptions	
RoHS Directive 2011/65/EU ANNEX III and (EU	J)2017/2102
Exemption Items	Expires Date
1, Mercury in single capped (compact) fluorescent lamps not exceeding (per burner):	and how
1(a), For general lighting purposes < 30 W:3,5 mg	Expires on 24 February 2023
1(b), For general lighting purposes≥ 30 W and < 50W:3,5mg	Expires on 24 February 2023
1(c), For general lighting purposes $\geq$ 50 W and < 150 W: 5 mg	Expires on 24 February 2023
1(d), For general lighting purposes ≥ 150 W: 15 mg	Expires on 24 February 2023
1(e), For general lighting purposes with circular or square structural shape and tube diameter $\leq$ 17 mm: 7 mg	Expires on 24 February 2023
1(f)-I,For lamps designed to emit mainly light in the ultraviolet spectrum: 5 mg	Expires on 24 February 2027
1(f)-II,For special purposes: 5 mg	Expires on 24 February 2025
1(g),For general lighting purposes < 30 W with a lifetime equal or above 20000 h: 3,5 mg	Expires on 24 August 2023
2(a),Mercury in double-capped linear fluorescent lamps for general lighting purposes not exceeding (per lamp):	C HUAN
2(a)(1),Tri-band phosphor with normal lifetime and a tube diameter < 9 mm (e.g. T2): 4 mg	Expires on 24 February 2023
2(a)(2),Tri-band phosphor with normal lifetime and a tube diameter $\geq$ 9 mm and $\leq$ 17 mm (e.g. T5): 3 mg	Expires on 24 August 2023
$2(a)(3)$ , Tri-band phosphor with normal lifetime and a tube diameter > 17 mm and $\leq 28$ mm (e.g. T8):3.5mg	Expires on 24 August 2023
2(a)(4),Tri-band phosphor with normal lifetime and a tube diameter > 28 mm (e.g. T12): 5 mg	Expires on 24 February 2023
2(a)(5),Tri-band phosphor with long lifetime (≥ 25 000 h): 5 mg	Expires on 24 February 2023
2(b), Mercury in other fluorescent lamps not exceeding (per lamp):	
2(b)(1),Linearhalophosphate lamps with tube > 28 mm (e.g. T10 and T12): 10 mg	Expires on 13 April 2012
2(b)(2),Non-linear halophosphate lamps (all diameters): 15 mg	Expires on 13 April 2016
2(b)(3),Non-linear tri-band phosphor lamps with tube diameter > 17 mm (e.g. T9):15mg	Expires on 24 February 2023; 10 mg may be used per lamp from 25 February 2023 until 24 February 2025
2(b)(4) -I, Lamps for other general lighting and special purposes (e.g. induction lamps): 15 mg	Expires on 24 February 2025
2(b)(4) -II, Lamps emitting mainly light in the ultraviolet spectrum: 15 mg	Expires on 24 February 2027
2(b)(4) -III, Emergency lamps: 15 mg	Expires on 24 February 2027
3, Mercury in cold cathode fluorescent lamps and external electrode fluorescent lamps (CCFL and EEFL) for special purposes used in EEE placed on the market before 24 February 2022 not exceeding (per lamp):	HUAKTESTING

The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by HUAK, this document cannont be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at http://www.cer-mark.com.



Exemptions	A HUM
RoHS Directive 2011/65/EU ANNEX III and (EL	)2017/2102
Exemption Items	Expires Date
3(a), Short length (≤500 mm):3.5mg	Expires on 24 February 2025
3(b), Medium length (> 500 mm and $\leq$ 1 500 mm):5mg	Expires on 24 February 2025
3(c), Long length (> 1 500 mm):13mg	Expires on 24 February 2025
4(a), Mercury in other low pressure discharge lamps (per lamp):15mg	Expires on 24 February 2023
4(a)-I,Mercury in low pressure non-phosphor coated discharge lamps, where the application requires the main range of the lamp-spectral output to be in the ultraviolet spectrum: up to 15 mg mercury may be used per lamp	Expires on 24 February 2027
4(b), Mercury in High Pressure Sodium (vapour) lamps for general lighting purposes not exceeding (per burner) in lamps with improved colour rendering index Ra > 80: $P \le 105$ W: 16 mg may be used per burner	Expires on 24 February 2027
4(b) -I,rendering indexRa > 60:P ≤155 W:30mg	Expires on 24 February 2023
4(b) -II,rendering index Ra > 60:155 W < P ≤ 405 W:40mg	Expires on 24 February 2023
4(b) -III,rendering index Ra > 60: P > 405 W:40mg	Expires on 24 February 2023
4(c),Mercury in other High Pressure Sodium (vapour) lamps for general lighting purposes not exceeding (per burner):	ursin <sup>ic</sup>
4(c)-I,P ≤ 155 W:20mg	Expires on 24 February 2027
4(c)-II,155 W < P ≤ 405 W:25mg	Expires on 24 February 2027
4(c)-III,P> 405 W:25mg	Expires on 24 February 2027
4(d),Mercury in High Pressure Mercury (vapour) lamps (HPMV)	Expires on 13 April 2015
4(e),Mercury in metal halide lamps (MH)	Expires on 24 February 2027
4(f)-I,Mercury in other discharge lamps for special purposes not specifically mentioned in this Annex	Expires on 24 February 2025
4(f)-II,Mercury in high pressure mercury vapour lamps used in projectors where an output ≥ 2000 lumen ANSI is required	Expires on 24 February 2027
4(f)-III,Mercury in high pressure sodium vapour lamps used for horticulture lighting	Expires on 24 February 2027
4(f)-IV,Mercury in lamps emitting light in the ultraviolet spectrum	Expires on 24 February 2027
4(g),Mercury in hand crafted luminous discharge tubes used for signs, decorative or architectural and specialist lighting and light-artwork, where the mercury content shall be limited as follows: (a) 20 mg per electrode pair + 0,3 mg per tube length in cm, but not more than 80 mg, for outdoor applications and indoor applications exposed to temperatures below 20 °C; (b) 15 mg per electrode pair + 0,24 mg per tube length in cm, but not more than 80 mg, for all other indoor applications.	Expires on 31 December 2018
5(a), Lead in glass of cathode ray tubes	NYTES THE
5(b), Lead in glass of fluorescent tubes not exceeding 0,2 % by weight	and the second s

The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by HUAK, this document cannont be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at http://www.cer-mark.com.



		Exem	ptions		
6	RoHS	Directive 2011/65/EU	ANNEX III and (EU)	2017/2102	<i>w</i>
Exemption	Items	AK TESTING	-16	Expires Date	G
		nt in steel for machining 0 0,35 % lead by weight	purposes and in	O How	HUAKTESTRAL
6(a)-I,Lead containing ι	as an alloying eleme up to 0,35 % lead by	nt in steel for machining weight and in batch hot to 0,2 % lead by weight	dip galvanised	N TESTING	-mic
by weight	A HON	t in aluminium containin	HOM	HUAKTESTIN	HUANTES
6(b)-I, Lead lead by weig		ent in aluminium contain	ing up to 0,4 %		<i>w</i>
6(b)-II, Lead lead by weig		ent in aluminium contair	ning up to 0,4 %	-csthic	
6(c), Coppe	er alloy containing up	to 4 % lead by weight		HUAKIL	
	n high melting tempe 35 % by weight or mo	erature type solders (i.e. pre lead)	lead- based alloys	-miG	
7(b), Lead in network infr	n solders for servers	, storage and storage ar it for switching, signalling		O HUANTCON	HUNKTESTING
ceramic oth		omponents containing le amic in capacitors, e.g. matrix compound		IK TESTING	and a
7(c)-II, Leac		c in capacitors for a rated	d voltage of 125 V	HUAKTESTIN	HUAKTESI
	d in dielectric cerami AC or 250 V DC	c in capacitors for a rate	d voltage of less	Expires on 1 Ja after that date in spare parts for El market before 1 Ja	may be used in EE placed on the
HUAK IL	O HUANDE	HUAKTESTING	HUACTL	Expires on: -21 July 2021 for o and 10; -21 July 2021 for o	categories 1-7 categories 8 and
		ectric ceramic materials for discrete semiconducto		9 other than in vitr medical devices a monitoring and co -21 July 2023 for o diagnostic medica -21 July 2024 for o industrial monitorin instruments, and f	nd industrial ntrol instruments; category 8 in vitro I devices; category 9 ng and control or category 11.
8(a), Cadmi	ium and its compoun	ds in one shot pellet typ	e thermal cut-offs	Expires on 1 Janu after that date may spare parts for EE market before 1 Ja	y be used in E placed on the
				1.5.7	

The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by HUAK, this document cannont be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at http://www.cer-mark.com.



		Exem	ptions		
RoHS Directive 2011/65/EU ANNEX III and (EU)2017/2102					
Exemptio	n Items	AK TESTING		Expires Date	
- circuit br - thermal	sensing controls,		Upu-	Mune Rune Tes inc	
- AC switc more at 12 - DC swite	motor protectors (exclud hes rated at: 6 A and m 25 V AC and more, ches rated at 20 A and r for use at voltage supp	nore at 250 V AC and n more at 18 V DC and m	nore, or 12 A and	WAXTESTING HUAKTESTING	
cooling sy cooling so		gerators up to 0,75 % b	y weight in the	and the second	
anticorrosi of absorpt partly with	to 0,75 % hexavalent ch ion agent in the cooling ion refrigerators (includi electrical heater, having at running conditions	solution of carbon stee ng minibars) designed	el cooling systems to operate fully or	Applies to categories 1-7 and 10 and expires on 5 March 2021.	
9(a)-II,Up	to 0,75 % hexavalent ch			UNIT HUANTESTIN	
of absorpt - designe average u	ion agent in the cooling ion refrigerators: d to operate fully or part tilised power input ≥ 75 d to fully operate with no	ly with electrical heater W at constant running	r, having an	Applies to categories 1-7 and 10 and expires on 21 July 2021.	
anticorrosi	to 0,7 % hexavalent ch ion agent in the working ption heat pumps for sp	fluid of the carbon stee		Applies to category 1 and expires on 31 December 2026.	
9(b), Lead	l in bearing shells and b ors for heating, ventilations	ushes for refrigerant-co		Applies to categories 8, 9 and 11; expires on: - 21 July 2023 for category 8 in vitro diagnostic medical devices, - 21 July 2024 for category 9 industrial monitoring and control instruments and for category 11, - 21 July 2021 for other subcategories of categories 8 and 9.	
hermetic s below 9 k	ad in bearing shells and scroll compressors with <i>N</i> for heating, ventilatior applications	a stated electrical powe	er input equal or	Applies to category 1; expires on 2 <sup>2</sup> July 2019.	
	d used in C-press comp	liant pin connector sys	stems	May be used in spare parts for EEE placed on the market before 24 September 2010	

FICATION

The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by HUAK, this document cannont be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at http://www.cer-mark.com.



REPORT No.: HK2404236350-1RR	Date: May 06, 2024	Page 31 of 5	55,510
WAT HUAT	Exemptions	HUAN HUAN	Dr.
RoHS Directiv	ve 2011/65/EU ANNEX III and (EU)	2017/2102	
Exemption Items	N TESTING	Expires Date	
11(b), Lead used in other than C-press of	compliant pin connector systems	Expires on 1 January 2013 after that date may be used spare parts for EEE placed market before 1 January 20	l in on the 013
12, Lead as a coating material for the th	ermal conduction module C-ring	May be used in spare parts placed on the market before September 2010	
13(a), Lead in white glasses used for op 13(b), Cadmium and lead in filter glasse standards	NG HUAK LEADING	Applies to all categories; ex on: - 21 July 2023 for category vitro diagnostic medical dev - 21 July 2024 for category industrial monitoring and co instruments and for category - 21 July 2021 for all other categories and subcategori Applies to categories 8, 9 a expires on: - 21 July 2023 for category vitro diagnostic medical dev - 21 July 2024 for category industrial monitoring and co instruments and for category - 21 July 2021 for other subcategories of categories	<pre>/ 8 in vices; / 9 ontrol ry 11; es ind 11; / 8 in vices; / 9 ontrol ry 11;</pre>
13(b)- (I),Lead in ion coloured optical filt	er glass types		ъG
13(b)- (II),Cadmium in striking optical filt applications falling under point 39 of this	er glass types; excluding	HUAK TESTION	AKTESTIN
13(b)- (III),Cadmium and lead in glazes		ý ý	
14, Lead in solders consisting of more the connection between the pins and the palead content of more than 80 % and less	ckage of micropro-cessors with a	Expired on 1 January 2011 after that date may be used spare parts for EEE placed market before 1 January 20	l in on the
15, Lead in solders to complete a viable semiconductor die and carrier within inte		Applies to categories 8, 9 a and expires on: - 21 July 2021 for categorie 9 other than in vitro diagnos medical devices and indust monitoring and control instr - 21 July 2023 for category vitro diagnostic medical dev - 21 July 2024 for category industrial monitoring and co instruments, and for category	es 8 and stic rial ruments; 7 8 in vices; 9 9 ontrol

The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by HUAK, this document cannont be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at http://www.cer-mark.com.



	AD HO	Exemptions			
RoHS Directive 2011/65/EU ANNEX III and (EU)2017/2102					
Exemption Items	AKTESTIN	allG	Expires Date		
15(a),Lead in solders to com the semiconductor die and c backages where at least one semiconductor technology no mm2 or larger in any semico backages with die of 300 mn or larger	arrier within integrated of the following criteriode of 90 nm or larger nductor technology nc	l circuit flip chip ia applies:- a ; - a single die of 300 ode; - stacked die	Applies to categories 1 to 7 and 10 and expires on 21 July 2021.		
16, Lead in linear incandesc	ent lamps with silicate	coated tubes	Expires on 1 September 2013		
17, Lead halide as radiant ag used for professional reprog		ischarge (HID) lamps	de de		
18(a), Lead as activator in the ess) of discharge lamps where prography, lithography, insorrocesses containing phosplate processes containing phosplate the	en used as speciality la ect traps,photochemic	amps for diazoprinting cal and curing	HUNTESTICE HUNTESTIC		
18(b), Lead as activator in th ess) of discharge lamps whe phosphors such as BSP (Ba	en used as sun tanning Si <sub>2</sub> O <sub>5</sub> :Pb)	g lamps containing	Expires on: - 21 July 2021 for categories 1-7 and 10; - 21 July 2021 for categories 8 and 9 other than in vitro diagnosticmedical devices and industrial monitoring and control instruments; - 21 July 2023 for category 8 in vitro diagnostic medical devices; - 21 July 2024 for category 9 industrial monitoring and control instruments, and for category 11. Applies to categories 5 and 8,		
18(b)-I,Lead as activator in the ess) of discharge lampscont when used in medical photology.	aining phosphors such therapy equipment	h as BSP (BaSi2O5:Pb)	excluding applications covered byentry 34 of Annex IV, and expire on 21 July 2021.		
19,Lead with PbBiSn-Hg and amalgam and with PbSnHg a saving lamps (ESL)			Expires on 1 June 2011		

FIF

The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by HUAK, this document cannont be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at http://www.cer-mark.com.

TEL: +86-755 2302 9901 FAX: +86-755 2302 9901 E-mail: service@cer-mark.com



Exemptions	
RoHS Directive 2011/65/EU ANNEX III and (EL	)2017/2102
Exemption Items	Expires Date
21, Lead and cadmium in printing inks for the application of enamels on glasses, such as borosilicate and soda lime glasses	Applies to categories 8, 9 and 11 and expires on: - 21 July 2021 for categories 8 and 9 other than in vitro diagnostic medical devices and industrial monitoring and control instruments; - 21 July 2023 for category 8 in vitro diagnostic medical devices; - 21 July 2024 for category 9 industrial monitoring and control instruments, and for category 11.
21(a),Cadmium when used in colour printed glass to provide filtering functions, used as a component in lighting applications installed in displays and control panels of EEE	Applies to categories 1 to 7 and 10 except applications covered by entry 21(b) or entry 39 and expires on 21 July 2021
21(b),Cadmium in printing inks for the application of enamels on glasses, such as borosilicate and soda lime glasses	Applies to categories 1 to 7 and 10 except applications covered by entry 21(a) or 39 and expires on 21 July 2021.
21(c),Lead in printing inks for the application of enamels on other than borosilicate glasses	Applies to categories 1 to 7 and 10 and expires on 21 July 2021.
23, Lead in finishes of fine pitch components other than connectors with a pitch of 0,65 mm and less	May be used in spare parts for EEE placed on the market before 24 September 2010
24, Lead in solders for the soldering to machined through hole discoidal and planar array ceramic multilayer capacitors	Expires on: - 21 July 2021 for categories 1-7 and 10, - 21 July 2021 for categories 8 and 9 other than in vitro diagnostic medical devices and industrial monitoring and control instruments, - 21 July 2023 for category 8 in vitro diagnostic medical devices,- 21 July 2024 for category 9 industrial monitoring and control instruments, and for category 11.
25, Lead oxide in surface conduction electron emitter displays (SED) used in structural elements, notably in the seal frit and frit ring	of the restrict of the state
26,Lead oxide in the glass envelope of black light blue lamps	Expires on 1 June 2011
27,Lead alloys as solder for transducers used in high-powered (designated to operate for several hours at acoustic power levels of 125 dB SPL and above) loudspeakers	Expired on 24 September 2010

NG

۶ PB

The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by HUAK, this document cannont be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at http://www.cer-mark.com.

TEL: +86-755 2302 9901 FAX: +86-755 2302 9901 E-mail: service@cer-mark.com



		Exe	emptions	
.0	RoHS	Directive 2011/65/E	U ANNEX III and (EU)	2017/2102
exemption Iter	ns	AKTESTIN	DG	Expires Date
O <sup>H1</sup>	AKTEST	O mil	HUANTESIN	Expires on: - 21 July 2021 for categories 1-7 and 10;
a la restivo	K TESTING	NUM TESTING	(D. I. and Testing O. I.	- 21 July 2021 for categories 8 and 9 other than in vitro diagnosticmedical devices and
	in crystal glass a cill Directive 69/49	as defined in Annex I 93/EEC ( <sup>1</sup> )	(Categories 1, 2, 3	industrial monitoring and ontrol instruments; - 21 July 2023 for category 8 in vitro diagnostic medical devices;
				- 21 July 2024 for category 9 industrial monitoring and control instruments, and for category 11.
conductors loca	ted directly on th	/mechanical solder jo e voice coil in transdund pressure levels of		ALASTISTING THE
31, Lead in sold	lering materials i	n mercury free flat flu		O HUAK TE
and Krypton las	er tubes	or making window as	HUAN TESTING	Expires on: - 21 July 2021 for categories 1-7 and 10, - 21 July 2021 for categories 8 and 9 other than in vitro diagnostic medical devices and industrial monitoring and control instruments - 21 July 2023 for category 8 in vitro diagnostic medical devices, - 21 July 2024 for category 9 industrial monitoring and control instruments, and for category 11.
	ss in power trans	-		Applies to all categories; expires
				<ul> <li>- 21 July 2021 for categories 1-7 and 10,</li> <li>- 21 July 2021 for categories 8 and</li> </ul>
34, Lead in cerr	net-based trimm	er potentiometer elem	nents	<ul> <li>9 other than in vitro diagnostic</li> <li>medical devices and industrial</li> <li>monitoring and control instruments</li> <li>21 July 2023 for category 8 in</li> <li>vitro diagnostic medical devices,</li> <li>21 July 2024 for category 9</li> </ul>
UAR .	O HUAR	O HUAN	O HUAN	industrial monitoring and control instruments, and for category 11.

The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by HUAK, this document cannont be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at http://www.cer-mark.com.

TEL: +86-755 2302 9901 FAX: +86-755 2302 9901 E-mail: service@cer-mark.com



	Exemptions	
RoHS Directive 20	)11/65/EU ANNEX III and (EU	)2017/2102
Exemption Items		Expires Date
36, Mercury used as a cathode sputtering inh with a content up to 30 mg per display	nibitor in DC plasma displays	Expired on 1 July 2010
37, Lead in the plating layer of high voltage d	liodes on the basis of a zinc	<ul> <li>Expires on:</li> <li>21 July 2021 for categories 1-7 and 10;</li> <li>21 July 2021 for categories 8 and 9 other than in vitro diagnosticmedical devices and industrial monitoring and control instruments;</li> <li>21 July 2023 for category 8 in vitro diagnostic medical devices;</li> <li>21 July 2024 for category 9 industrial monitoring and control instruments, and for category 11.</li> </ul>
38, Cadmium and cadmium oxide in thick filn bonded beryllium oxide	n pastes used on aluminium	HUAK TESTING
39(a), Cadmium selenide in downshifting cac nanocrystal quantum dots for use in display I Cd per mm2 of display screen area)		Expires for all categories on 31 October 2019
40, Cadmium in photoresistors for analogue opposition professional audio equipment	optocouplers applied in	Expires on 31 December 2013
41, Lead in solders and termination finishes of components and finishes of printed circuit bo and other electrical and electronic engine cor technical reasons must be mounted directly of cylinder of hand-held combustion engines (cl Directive 97/68/EC of the European Parliame	ards used in ignition modules ntrol systems, which for on or in thecrankcase or asses SH:1, SH:2, SH:3 of ent and of the Council (2))	Applies to all categories and expires on: - 31 March 2022 for categories 1 to 7, 10 and 11; - 21 July 2021 for categories 8 and 9 other than in vitro diagnosticmedical devices and industrial monitoring and control instruments; - 21 July 2023 for category 8 in vitro diagnostic medical devices; - 21 July 2024 for category 9 industrial monitoring and control instruments.
42,Lead in bearings and bushes of diesel or ginternal combustion engines applied in non-reequipment:- with engine total displacement $\geq$ total displacement < 15 litres and the engine applications where the time between signal to required to be less than 10 seconds; or regul performed in a harsh and dirty outdoor enviro construction, and agriculture applications	bad professional use 15 litres; or - with engine is designed to operate in o start and full load is ar maintenance is typically	Applies to category 11, excluding applications covered by entry 6(c) of this Annex. Expires on 21 July 2024.

The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by HUAK, this document cannont be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at http://www.cer-mark.com.



	Exe	emptions		
Ro	HS Directive 2011/65/EU	-	2017/2102	9
Exemption Items	AKTESTING	Dia	Expires Date	G
43,Bis(2-ethylhexyl) phthalat designed for use in equipmenuse and provided that no pla human mucous membranes and the concentration value exceed: (a) 30 % by weight of the rub gaskets; or (iii) rubber compo- components using electrical,	ht that is not intended sol sticised material comes in or into prolonged contact of bis(2-ethylhexyl) phtha ber for (i) gasket coatings onents included in assem	ely for consumer nto contact with with human skin late does not s; (ii) solid-rubber blies of at least three	Applies to category on 21 July 2024	/ 11 and expires
and attached to the engine (b) 10 % by weight of the rub referred to in point (a). For th with human skin' means cont duration or intermittent conta	e purposes of this entry, inuous contact of more th	prolonged contact		
44,Lead in solder of sensors combustion engines within th European Parliament and of at fixed positions while in ope but also used by non-profess	actuators, and engine co e scope of Regulation (E the Council (4), installed eration which is designed	ontrol units of U) 2016/1628 of the in equipment used	Applies to category on 21 July 2024.	/ 11 and expires
45,Leaddiazide, lead styphna tetroxide), lead dioxide in ele civil (professional) use and b delay charges of electric initia	ate, lead dipicramate, ora ctric and electronic initiat arium chromate in long ti	ors of explosives for me pyrotechnic	Applies to category on 20 April 2026	/ 11 and expires

FICATION

#### \*\* Modified History \*\*

Revision	Description	Issued Data	Remark		
Revision 1.0	Initial Test Report Release	2024/05/06	Jason Zhou		
0	and W	alar.	0.		
	WAX TES	- WARTES !!			

The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by HUAK, this document cannont be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at http://www.cer-mark.com.

TEL: +86-755 2302 9901 FAX: +86-755 2302 9901 E-mail: service@cer-mark.com



REPORT No.: HK2404236350-1RR

Date: May 06, 2024

Page 37 of 55

Photo(s) of the sample(s)



80 30 60 30 40 30 50 10 3000 80 50 50 60 30 40 30 50 30 50 50 50 50 50 50 40 30 50 10 100 30 50 50 50 50 30 50



The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by HUAK, this document cannont be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at http://www.cer-mark.com.

TEL: +86-755 2302 9901 FAX: +86-755 2302 9901 E-mail: service@cer-mark.com



REPORT No.: HK2404236350-1RR

Date: May 06, 2024

Page 38 of 55





The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by HUAK, this document cannont be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at http://www.cer-mark.com.

TEL: +86-755 2302 9901 FAX: +86-755 2302 9901 E-mail: service@cer-mark.com

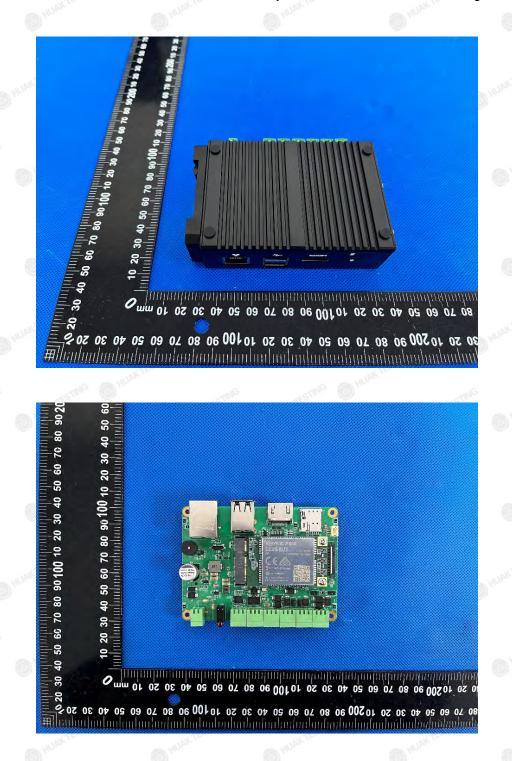


REPORT No.: HK2404236350-1RR

Date: May 06, 2024

Page 39 of 55

IК



The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by HUAK, this document cannont be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at http://www.cer-mark.com.

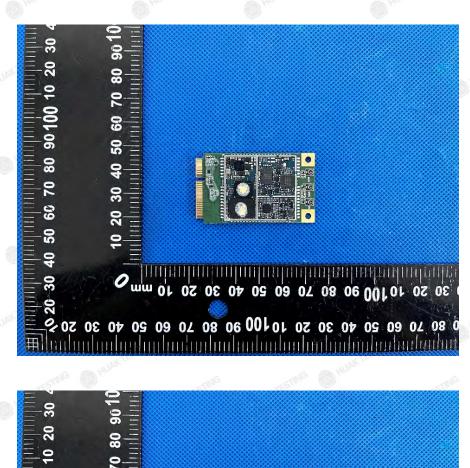
TEL:+86-755 2302 9901 FAX:+86-755 2302 9901 E-mail: service@cer-mark.com



REPORT No.: HK2404236350-1RR

Date: May 06, 2024

Page 40 of 55





60

20

80 90

60

40 50

The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by HUAK, this document cannont be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at http://www.cer-mark.com.

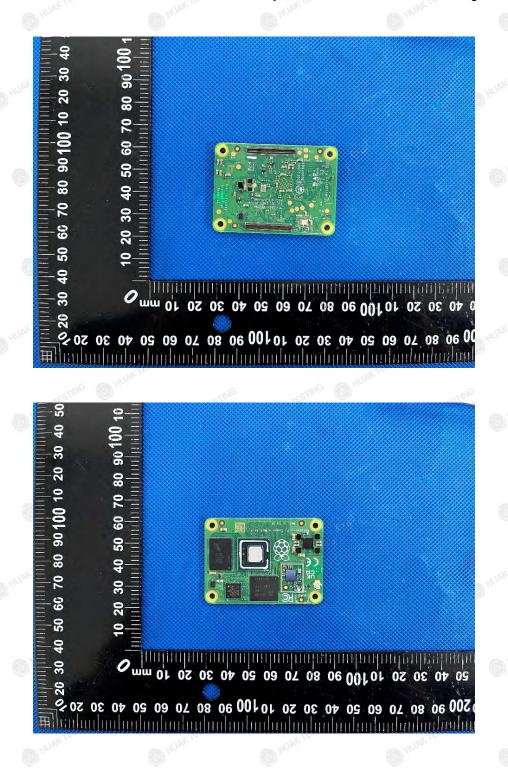
TEL: +86-755 2302 9901 FAX: +86-755 2302 9901 E-mail: service@cer-mark.com



REPORT No.: HK2404236350-1RR

Date: May 06, 2024

Page 41 of 55



The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by HUAK, this document cannont be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at http://www.cer-mark.com.

TEL: +86-755 2302 9901 FAX: +86-755 2302 9901 E-mail: service@cer-mark.com

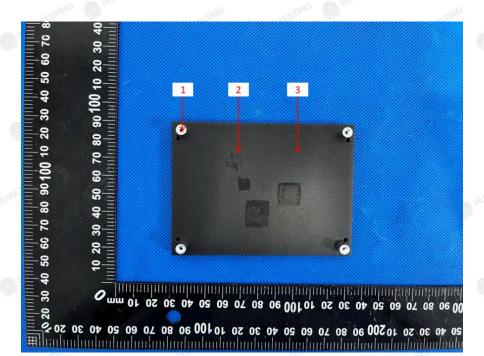


REPORT No.: HK2404236350-1RR

Date: May 06, 2024

Page 42 of 55

FICATION



The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by HUAK, this document cannont be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at http://www.cer-mark.com.

TEL: +86-755 2302 9901 FAX: +86-755 2302 9901 E-mail: service@cer-mark.com



4

REPORT No.: HK2404236350-1RR

60 70 5

20

20 30

Date: May 06, 2024

Page 43 of 55

5

4 02 02 00 04 03 09 07 08 06 001 01 02 02 04 00 09 07 08 06 001 01 02 02 04 03 09 07 08 06 001 01 02 02 04 03 09 07 08 06 002

The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by HUAK, this document cannont be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at http://www.cer-mark.co

TEL: +86-755 2302 9901 FAX: +86-755 2302 9901 E-mail: service@cer-mark.com

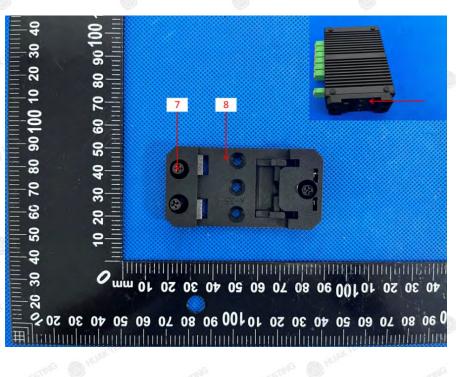


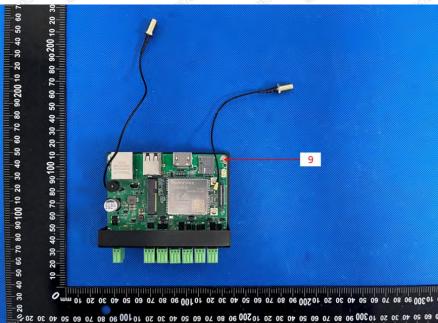
REPORT No.: HK2404236350-1RR

Date: May 06, 2024

Page 44 of 55

H FIF





The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by HUAK, this document cannont be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at http://www.cer-mark.com.

TEL:+86-755 2302 9901 FAX:+86-755 2302 9901 E-mail: service@cer-mark.com

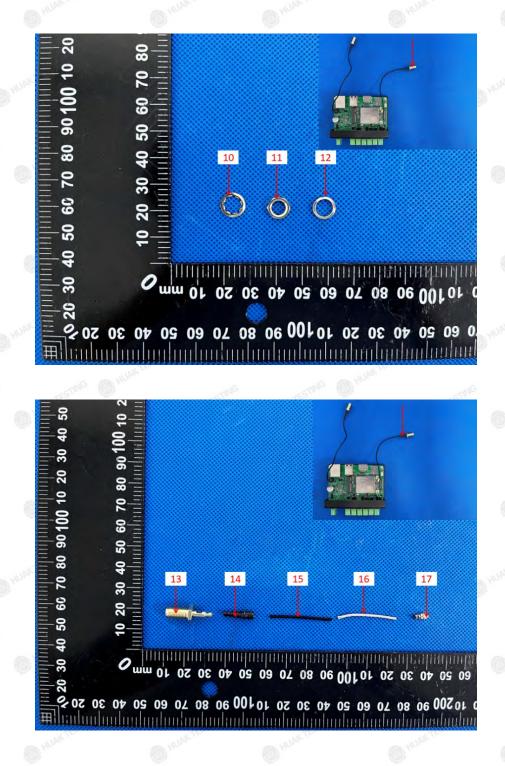


REPORT No.: HK2404236350-1RR

Date: May 06, 2024

Page 45 of 55

IК



The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by HUAK, this document cannont be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at http://www.cer-mark.com.

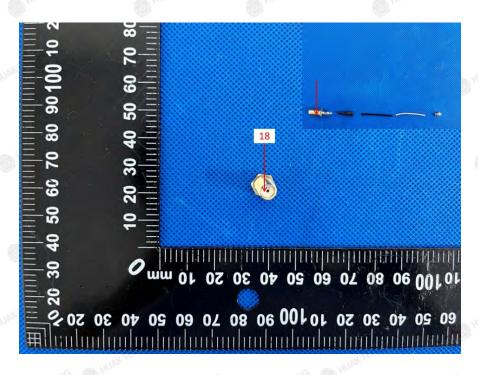
TEL: +86-755 2302 9901 FAX: +86-755 2302 9901 E-mail: service@cer-mark.com

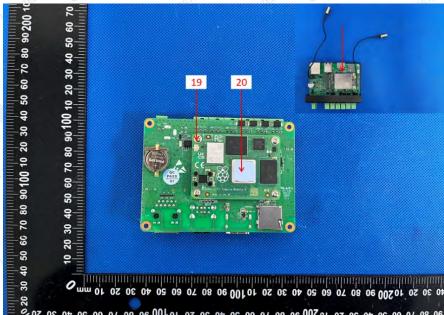


REPORT No.: HK2404236350-1RR

Date: May 06, 2024

Page 46 of 55





8 80 10 20 20 70 20 20 10 500 30 80 10 20 20 70 30 50 10 100 30 80 10 20 20 70 30 50 70 30 50 70 30 50 70 30 50

The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by HUAK, this document cannont be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at http://www.cer-mark.com

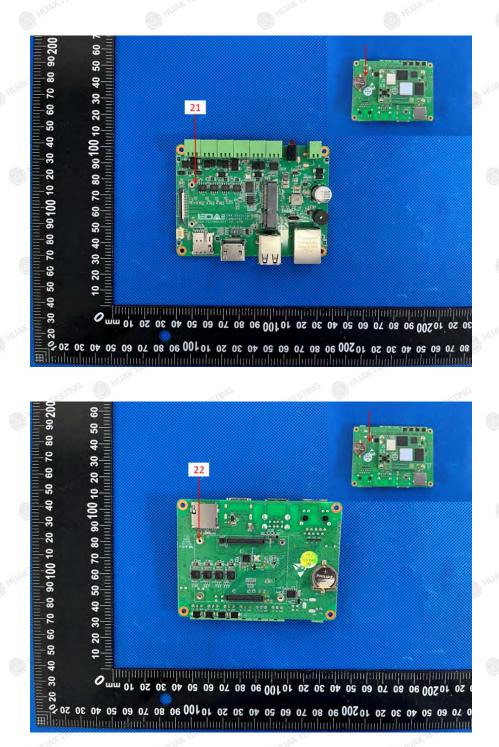
TEL:+86-755 2302 9901 FAX:+86-755 2302 9901 E-mail: service@cer-mark.com



REPORT No.: HK2404236350-1RR

Date: May 06, 2024

Page 47 of 55



The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by HUAK, this document cannont be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at http://www.cer-mark.com.

TEL: +86-755 2302 9901 FAX: +86-755 2302 9901 E-mail: service@cer-mark.com

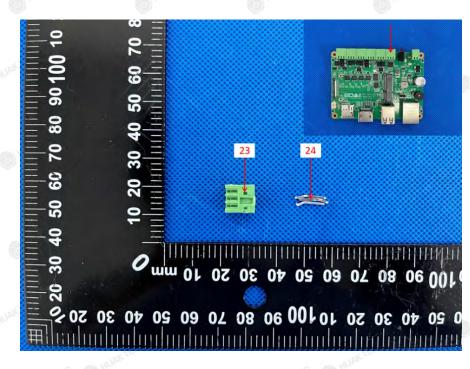


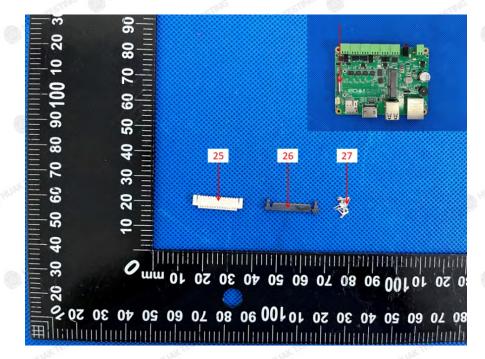
REPORT No.: HK2404236350-1RR

Date: May 06, 2024

Page 48 of 55

FICATION





The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by HUAK, this document cannont be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at http://www.cer-mark.com

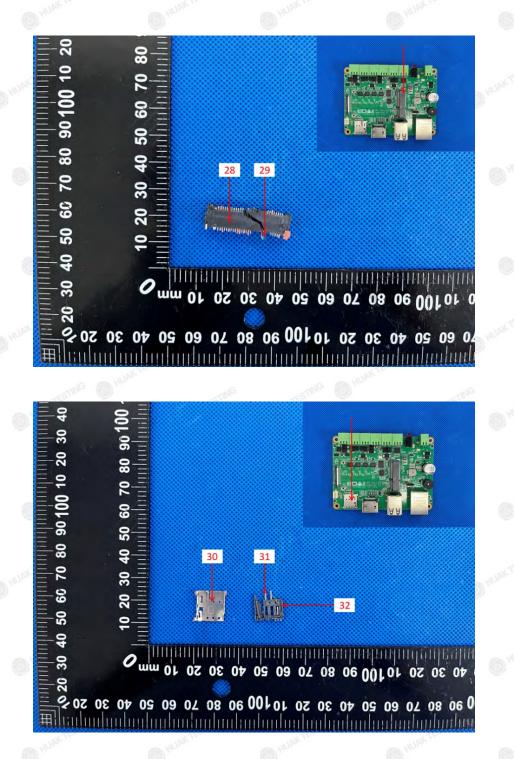
TEL: +86-755 2302 9901 FAX: +86-755 2302 9901 E-mail: service@cer-mark.com



REPORT No.: HK2404236350-1RR

Date: May 06, 2024

Page 49 of 55



The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by HUAK, this document cannont be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at http://www.cer-mark.com

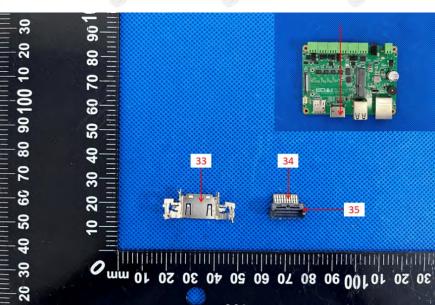
TEL: +86-755 2302 9901 FAX: +86-755 2302 9901 E-mail: service@cer-mark.com

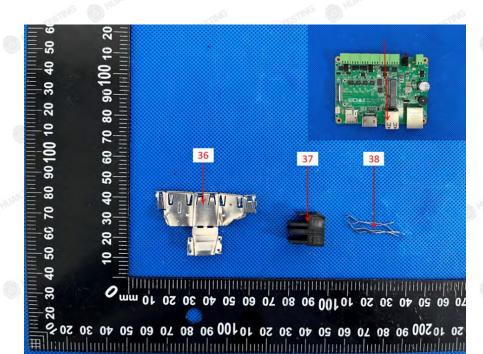


REPORT No.: HK2404236350-1RR

Date: May 06, 2024

Page 50 of 55





The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by HUAK, this document cannont be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at http://www.cer-mark.com.

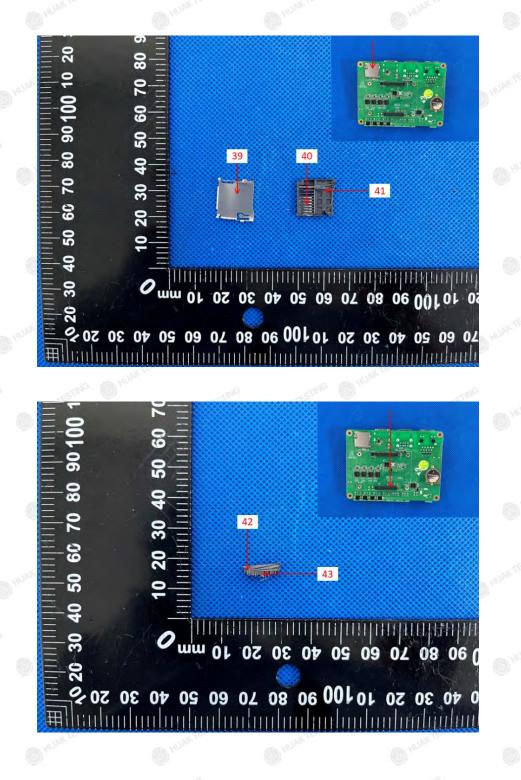
TEL: +86-755 2302 9901 FAX: +86-755 2302 9901 E-mail: service@cer-mark.com



REPORT No.: HK2404236350-1RR

Date: May 06, 2024

Page 51 of 55



The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by HUAK, this document cannont be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at http://www.cer-mark.com

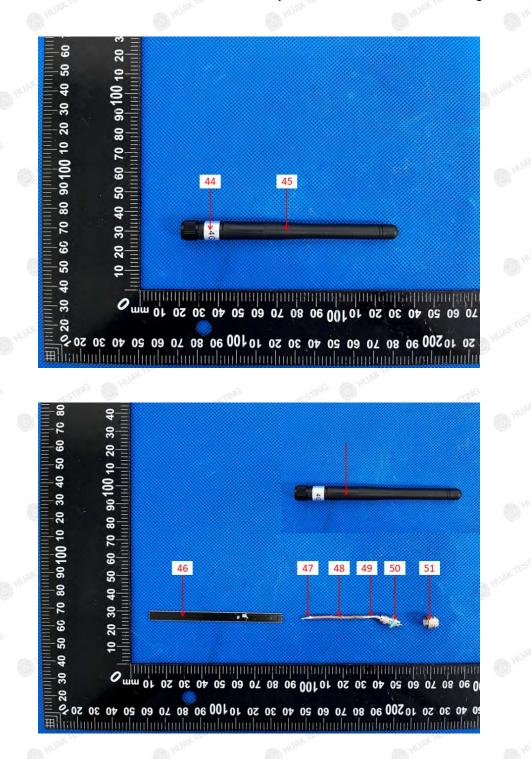
TEL: +86-755 2302 9901 FAX: +86-755 2302 9901 E-mail: service@cer-mark.com



REPORT No.: HK2404236350-1RR

Date: May 06, 2024

Page 52 of 55



The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by HUAK, this document cannont be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at http://www.cer-mark.com.

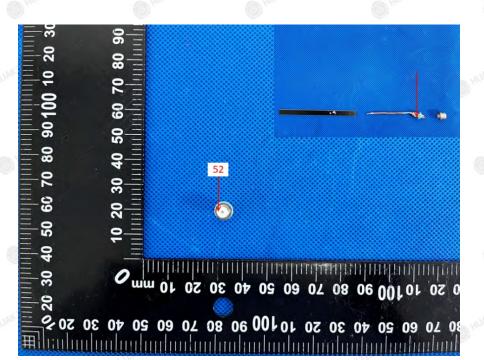
TEL: +86-755 2302 9901 FAX: +86-755 2302 9901 E-mail: service@cer-mark.com

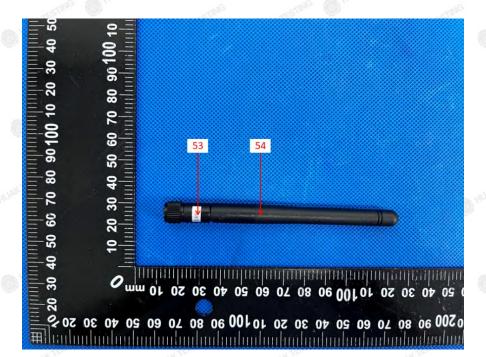


REPORT No.: HK2404236350-1RR

Date: May 06, 2024

Page 53 of 55





The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by HUAK, this document cannont be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at http://www.cer-mark.com

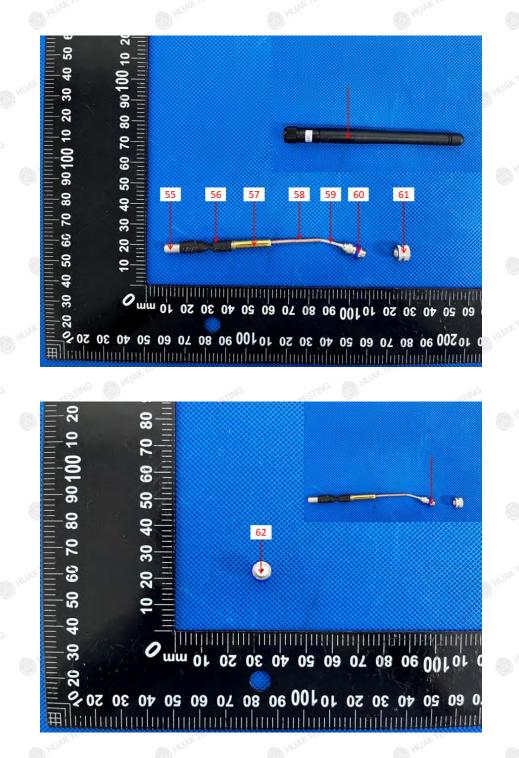
TEL: +86-755 2302 9901 FAX: +86-755 2302 9901 E-mail: service@cer-mark.com



REPORT No.: HK2404236350-1RR

Date: May 06, 2024

Page 54 of 55



The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by HUAK, this document cannont be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at http://www.cer-mark.com

TEL: +86-755 2302 9901 FAX: +86-755 2302 9901 E-mail: service@cer-mark.com

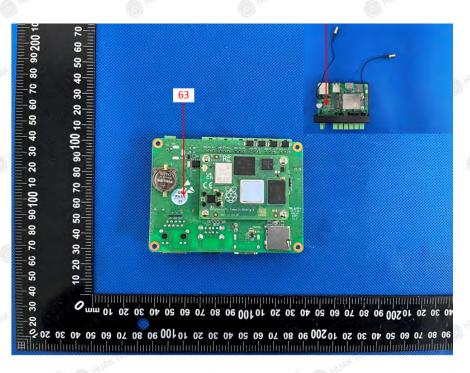


REPORT No.: HK2404236350-1RR

Date: May 06, 2024

Page 55 of 55

EICATIO.



#### HUAK authenticate the photo on original report only \*\*\* End of Report \*\*\*

Remark: This report is considered invalidated without the Special Seal for Inspection of the HUAK. This report shall not be altered, increased or deleted. The results shown on this test report refer only to the sample(s) tested unless otherwise stated, under the conditions agreed upon. Anyone who uses this report should understand all of the details of the engagement. Without written approval of HUAK, this test report shall not be copied except in full and published as advertisement.

The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by HUAK, this document cannont be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at http://www.cer-mark.com.

TEL: +86-755 2302 9901 FAX: +86-755 2302 9901 E-mail: service@cer-mark.com