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Applicant: **Smart Team Holdings Limited**

Address: Flat E, 6/F., China Fen Hin Building, 5 Cheung Yue Street, Cheung Sha Wan,

Kowloon, Hong Kong

The following sample was submitted and identified by/on behalf of the client as:

Sample Name: Phototherapy LED Comb

Model No .: 2103

Manufacturer: ShenZhen XinJunMeng Energy Technology Co. Ltd.

201, Building B2b, Yingzhan Science and Technology Park, Longtian Subdistrict, Address:

Pingshan District, Shenzhen City

Sample Received Date: 2022.07.13

Testing Period: 2022.07.13-2022.07.19

According to client's requirements, Split the sample and determine the Pb, Cd, Test Requested:

Hg, Cr(VI), PBBs ,PBDEs, DBP, BBP, DEHP and DIBP content of the parts.

Test Method: 1. Sample Screening testing with reference to IEC 62321-3-1:2013

2. 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 by Colorimetric method using

UV-Vis reference to IEC 62321-7-1:2015, IEC 62321-7-2:2017

d. Determination of PBBs and PBDEs by GC-MS with reference to IEC

62321-6:2015

e. Determination of DBP, BBP, DEHP and DIBP by GC-MS with reference

to IEC 62321-8:2017

Test Result(s): Please refer to the following page(s).

Conclusion: Base upon the performed tests by submitted sample, the test results comply

with the limits as set by Directive (EU) 2015/863 - Amendment of EU RoHS

Directive 2011/65/EU Annex II.

Checked by

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Approved by

Justin

Ryan Zhang

Technical Manager





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Test Result(s)

Part No.	Part Description	Restricted Substances	(L)	esult of DXRF (1)	Result of Chemical Testing (2) (mg/kg)	Conclusion on RoHS
		Pb		BL		Comply
		Cd		BL		Comply
		Hg		BL		Comply
		Cr(VI)		BL		Comply
	White plastic	PBBs		BL	(2)	Comply
	Write plastic	PBDEs		BL		Comply
		DBP			N.D.	Comply
	(0)	BBP		(0)	N.D.	Comply
		DEHP			N.D.	Comply
		DIBP			N.D.	Comply
(0)	(0)	Pb		BL	$\langle \sigma \rangle$	Comply
		Cd		BL		Comply
		Hg		BL		Comply
	$\langle C_{i} \rangle$	Cr(VI)		BL		Comply
2	I This plants	PBBs		BL		Comply
2	LT.blue plastic	PBDEs		BL		Comply
		DBP	(0)		N.D.	Comply
		BBP			N.D.	Comply
		DEHP			N.D.	Comply
	(3)	DIBP		(, c)	N.D.	Comply
		Pb		BL		Comply
		Cd		BL		Comply
		Hg		BL	(Comply
		Cr(VI)		BL		Comply
^	ITH COLUMN	PBBs		BL		Comply
3	LT.blue plastic	PBDEs		BL		Comply
		DBP		'&	N.D.	Comply
		BBP			N.D.	Comply
		DEHP			N.D.	Comply
		DIBP			N.D.	Comply



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Part No.	Part Description	Restricted Substances	Result of EDXRF (1)	Result of Chemical Testing (2) (mg/kg)	Conclusion on RoHS
			- (3)		
		Pb	BL		Comply
		Cd	BL		Comply
	(E)	Hg	BL		Comply
		Cr(VI)	BL	(Comply
4	Yellow dry glue	PBBs	BL		Comply
•	Can any grad	PBDEs	BL		Comply
	(0)	DBP	(0)	N.D.	Comply
		BBP		N.D.	Comply
		DEHP		N.D.	Comply
		DIBP	(6)	N.D.	Comply
		Pb	BL		Comply
		Cd	BL		Comply
	(0)	Hg	BL (C)		Comply
	Silvery color	Cr(VI)	BL		Comply
	metal screw	PBBs			NA
5	with black	PBDEs	·	(-c)	NA C
	plating	DBP			NA
		BBP			NA
		DEHP	(ES)		NA NA
		DIBP	\		NA
		Pb	BL		Comply
		Cd	BL	(\)	Comply
		Hg	BL	(80)	Comply
		Cr(VI)	BL		Comply
	Silvery color	PBBs	(%)		NA NA
6	metal screw	PBDEs) 	NA
		DBP			NA
		BBP			NA NA
		DEHP	(0)	(,,,)	NA NA
		DIBP			NA



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Part No.	Part Description	Restricted Substances	Result of EDXRF (1)	Result of Chemical Testing (2) (mg/kg)	Conclusion on RoHS
		Pb	BL		Comply
		Cd	BL		Comply
	(E)	Hg	BL		Comply
		Cr(VI)	BL	()	Comply
7	Silvery color	PBBs			NA
•	metal wire core	PBDEs			NA
	(0)	DBP	(6)		NA NA
		BBP			NA
		DEHP		<u></u>	NA
(0)	(0)	DIBP	(0)	(<u>-</u> C)	NA C
		Pb	BL		Comply
		Cd	BL		Comply
	$\langle C_j \rangle$	Hg	BL		Comply
		Cr(VI)	BL		Comply
	Red plastic	PBBs	BL		Comply
8	jacket	PBDEs	BL	(-6))	Comply
		DBP		N.D.	Comply
		BBP		N.D.	Comply
		DEHP	(S	N.D.	Comply
		DIBP		N.D.	Comply
		Pb	BL		Comply
		Cd	BL		Comply
		Hg	BL		Comply
		Cr(VI)	BL		Comply
	Black plastic	PBBs	BL (Comply
9	jacket	PBDEs	BL		Comply
	-	DBP		N.D.	Comply
	(A)	BBP		N.D.	Comply
	((0)	DEHP	(0)	N.D.	Comply
		DIBP		N.D.	Comply
		וטוט		1N.D.	Compiy



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Part No.	Part Description	Restricted Substances	Result of EDXRF (1)	Result of Chemical Testing (2) (mg/kg)	Conclusion on RoHS
	(0)	Pb	BL		Comply
		Cd	BL		Comply
		Hg	BL	/ /-	Comply
	(0)	Cr(VI)	BL	(<u>c</u>)	Comply
		PBBs	BL		Comply
10	White LED	PBDEs	BL		Comply
	(0)	DBP	(c)	N.D.	Comply
		BBP		N.D.	Comply
		DEHP		N.D.	Comply
		DIBP	(E)	N.D.	Comply
		Pb	BL		Comply
		Cd	BL		Comply
		Hg	BL		Comply
		Cr(VI)	BL		Comply
	White LED	PBBs	BL		Comply
(11		PBDEs	BL	(-c)	Comply
		DBP		N.D.	Comply
		BBP		N.D.	Comply
		DEHP	(3)	N.D.	Comply
		DIBP		N.D.	Comply
		Pb	BL		Comply
	(3)	Cd	BL		Comply
		Hg	BL		Comply
		Cr(VI)	BL		Comply
12	Black resistor	PBBs	BL		Comply
۱۷	DIACK 16212[0]	PBDEs	BL		Comply
		DBP		N.D.	Comply
		BBP		N.D.	Comply
		DEHP		N.D.	Comply
		DIBP		N.D.	Comply



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Part No.	Part Description	Restricted Substances	Result of EDXRF (1)	Result of Chemical Testing (2) (mg/kg)	Conclusion on RoHS
			B. (63)		
		Pb	BL		Comply
		Cd	BL		Comply
		Hg	BL		Comply
		Cr(VI)	BL		Comply
13	Solder	PBBs			NA
		PBDEs			NA
		DBP	(30)		NA
		BBP			NA
		DEHP		<u></u>	NA
(0)	((C))	DIBP	(5)	(<u>C</u>)	NA (C)
		Pb	BL		Comply
		Cd	BL		Comply
	$\langle C_j \rangle$	Hg	BL		Comply
		Cr(VI)	BL		Comply
	White PCB	PBBs	IN	N.D.	Comply
14		PBDEs	IN	N.D.	Comply
		DBP		N.D.	Comply
		BBP		N.D.	Comply
		DEHP	(5)	N.D.	Comply
		DIBP		N.D.	Comply
		Pb	BL		Comply
	(ch	Cd	BL	(Comply
		Hg	BL		Comply
		Cr(VI)	BL		Comply
	Black plastic	PBBs	BL (Comply
15	jacket	PBDEs	BL		Comply
		DBP		N.D.	Comply
		BBP		N.D.	Comply
	((C)	DEHP	(5)	220	Comply
		DIBP		N.D.	Comply
		וטוט		14.D.	Ооттріу



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Part No.	Part Description	Restricted Substances	, (C) `)	esult of XRF (1)	Result of Chemical Testing (2) (mg/kg)	Conclusion on RoHS
	(0)	Pb		BL		Comply
		Cd		BL		Comply
		Hg		BL	,	Comply
		Cr(VI)		BL	(\underline{c})	Comply
	Red plastic	PBBs		BL		Comply
16	jacket	PBDEs		BL		Comply
	jacket	DBP		(C)	N.D.	Comply
		BBP			N.D.	Comply
		DEHP			220	Comply
		DIBP			N.D.	Comply
		Pb		BL		Comply
		Cd		BL		Comply
		Hg		BL C		Comply
		Cr(VI)		IN	N.D.	Comply
	Silvery color	PBBs				NA
17	metal	PBDEs			(45)	NA C
		DBP				NA
		BBP				NA
		DEHP		(3)	\ 	NA NA
		DIBP		'		NA
		Pb		BL		Comply
		Cd		BL		Comply
		Hg		BL		Comply
		Cr(VI)		BL		Comply
		PBBs		BL		Comply
18	Grey plastic	PBDEs		BL	<i></i>	Comply
		DBP			N.D.	Comply
		BBP			N.D.	Comply
	(0)	DEHP			N.D.	Comply
		DIBP			N.D.	Comply



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Part No.	Part Description	Restricted Substances	Result of EDXRF (1)	Result of Chemical Testing (2) (mg/kg)	Conclusion on RoHS
		(6)			
		Pb	BL		Comply
		Cd	BL		Comply
		Hg	BL		Comply
		Cr(VI)	BL	(2)	Comply
19	Silvery color	PBBs			NA
.0	metal pin	PBDEs			NA
	(0)	DBP	(0)		NA NA
		BBP			NA
		DEHP		<u></u>	NA
(0)	(0)	DIBP	(5)	(<u>-C</u>)	NA C
		Pb	BL		Comply
		Cd	BL		Comply
	$\langle C_j \rangle$	Hg	BL		Comply
		Cr(VI)	BL		Comply
20	Dio els registers	PBBs	BL		Comply
20	Black resistor	PBDEs	BL	(-6))	Comply
		DBP		N.D.	Comply
		BBP		N.D.	Comply
		DEHP	(5)	N.D.	Comply
		DIBP		N.D.	Comply
		Pb	BL		Comply
		Cd	BL		Comply
		Hg	BL		Comply
		Cr(VI)	BL		Comply
		PBBs	BL (Comply
21	Black IC	PBDEs	BL		Comply
		DBP		N.D.	Comply
	(A)	BBP		N.D.	Comply
	((0)	DEHP	(5)	N.D.	Comply
		DIBP		N.D.	Comply
		וטוט		14.D.	Ооттріу



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Part No.	Part Description	Restricted Substances	Result of EDXRF (1)	Result of Chemical Testing (2) (mg/kg)	Conclusion on RoHS
	(6)		- (6°)		
		Pb	BL		Comply
		Cd	BL		Comply
		Hg	BL		Comply
		Cr(VI)	BL	(2)	Comply
22	Black IC	PBBs	BL		Comply
	Ziadik 16	PBDEs	BL		Comply
	(0)	DBP	(60)	N.D.	Comply
		BBP		N.D.	Comply
		DEHP		N.D.	Comply
		DIBP	(6)	N.D.	Comply
		Pb	BL		Comply
		Cd	BL		Comply
		Hg	BL (Comply
		Cr(VI)	BL		Comply
	Copper color	PBBs	BL		Comply
23	capacitor	PBDEs	BL	(-6')	Comply
		DBP		N.D.	Comply
		BBP		N.D.	Comply
		DEHP	(ES)	N.D.	Comply
		DIBP	'&	N.D.	Comply
		Pb	BL		Comply
		Cd	BL	(Comply
		Hg	BL		Comply
		Cr(VI)	BL		Comply
		PBBs	BL (A)		Comply
24	White LED	PBDEs	BL		Comply
		DBP		N.D.	
		BBP			Comply
	(20)		(6)	N.D.	Comply
		DEHP		N.D.	Comply
		DIBP		N.D.	Comply



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Part No.	Part Description	Restricted Substances	Result of EDXRF (1)	Result of Chemical Testing (2) (mg/kg)	Conclusion on RoHS
		Pb	DI 6		Committee
			BL BL		Comply
		Cd			Comply
		Hg	BL	(3)	Comply
		Cr(VI)	BL	()	Comply
25	Black resistor	PBBs	BL		Comply
		PBDEs	BL		Comply
		DBP	(3)	N.D.	Comply
		BBP		N.D.	Comply
		DEHP		N.D.	Comply
(C)	((C))	DIBP	(5)	N.D.	Comply
		Pb	BL		Comply
		Cd	BL		Comply
	Solder	Hg	BL		Comply
		Cr(VI)	BL		Comply
- 00		PBBs			NA
26		PBDEs		(-0 1)	NA (
		DBP			NA
		BBP			NA
		DEHP	(5)		NA NA
		DIBP			NA
		Pb	BL		Comply
		Cd	BL	()	Comply
		Hg	BL		Comply
		Cr(VI)	BL		Comply
		PBBs	IN C	N.D.	Comply
27	Green PCB	PBDEs	IN S	N.D.	Comply
		DBP		N.D.	Comply
		BBP /		N.D.	Comply
	((0))	DEHP	(0)	N.D.	Comply
		DIBP		N.D.	Comply
		וטוטו	1	14.0.	Оптріу



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Part No.	Part Description	Restricted Substances	Result of EDXRF (1)	Result of Chemical Testing (2) (mg/kg)	Conclusion on RoHS
		Pb	BL		Comply
		Cd	BL		Comply
		Hg	BL		Comply
		Cr(VI)	BL	(2)	Comply
28	Black plastic	PBBs	BL		Comply
	Ziack plactic	PBDEs	BL		Comply
		DBP	(30)	N.D.	Comply
		BBP		N.D.	Comply
		DEHP		N.D.	Comply
(C)	(C)	DIBP	(0)	N.D.	Comply
		Pb	BL		Comply
		Cd	BL		Comply
		Hg	BL		Comply
		Cr(VI)	BL		Comply
20	Silvery color	PBBs			NA
29	metal	PBDEs	(())	(-c)	NA (
		DBP			NA
		BBP			NA
	(c)	DEHP	(3		NA NA
		DIBP			NA
		Pb	BL		Comply
	(3)	Cd	BL	((1)	Comply
		Hg	BL		Comply
		Cr(VI)	IN	N.D.	Comply
00	Silvery color	PBBs	(3)		NA
30	metal	PBDEs	'&		NA
		DBP			NA
		BBP			NA
		DEHP	<u></u>	(20)	NA (C)
		DIBP			NA



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Part No.	Part Description	Restricted Substances	Result of EDXRF (1)	Result of Chemical Testing (2) (mg/kg)	Conclusion on RoHS
	(0)	Pb	BL		Comply
		Cd	BL		Comply
		Hg	BL		Comply
		Cr(VI)	BL	(C)	Comply
		PBBs	BL		Comply
31	Black plastic	PBDEs	BL		Comply
	$\langle C \rangle$	DBP	(c)	N.D.	Comply
		BBP		N.D.	Comply
		DEHP		N.D.	Comply
		DIBP	(5)	N.D.	Comply
		Pb	BL		Comply
		Cd	BL		Comply
	(())	Hg	BL		Comply
		Cr(VI)	BL		Comply
-00	Silvery color	PBBs			NA
32	metal pin	PBDEs	(5)		NA (
		DBP			NA
		BBP			NA
	(3)	DEHP	(c´		NA
		DIBP			NA
		Pb	BL		Comply
	(3)	Cd	BL		Comply
		Hg	BL		Comply
		Cr(VI)	BL		Comply
33	Plack register	PBBs	BL (Comply
33	Black resistor	PBDEs	BL		Comply
		DBP		N.D.	Comply
		BBP		N.D.	Comply
		DEHP		N.D.	Comply
		DIBP		N.D.	Comply



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Part escription	Restricted Substances Pb Cd		Result of EDXRF (1)	Result of Chemical Testing (2) (mg/kg)	Conclusion on RoHS
					i
	Cd		BL		Comply
			BL		Comply
	Hg		BL		Comply
	Cr(VI)		BL	(2)	Comply
ck transistor	PBBs		BL		Comply
ok transistor	PBDEs		BL		Comply
	DBP		(%C)	N.D.	Comply
	BBP			N.D.	Comply
	DEHP			N.D.	Comply
	DIBP		<u>()</u>	N.D.	Comply
	Pb		BL		Comply
	Cd		BL		Comply
(0)	Hg		BL)	Comply
	Cr(VI)		BL		Comply
	PBBs		BL		Comply
Black resistor	PBDEs		BL	(-c)	Comply
	DBP		<u></u>	N.D.	Comply
	BBP			N.D.	Comply
	DEHP		(S	N.D.	Comply
	DIBP			N.D.	Comply
	Pb		BL		Comply
	Cd		BL		Comply
	Hg	10	BL		Comply
			BL		Comply
pper color	PBBs		BL	·	Comply
capacitor	PBDEs		BL	<i></i>	Comply
Сарасног				N.D.	Comply
					,
	BBP				
(C)			l	N.D.	Comply
	opper color capacitor	Cr(VI) PBBs PBDEs DBP BBP DEHP DIBP Pb Cd Hg Cr(VI) PBBs	Cr(VI) PBBs PBDEs DBP BBP DEHP DIBP Pb Cd Hg Cr(VI) PBBs PBDEs	Cr(VI) BL PBBs BL PBDEs BL DBP BBP DEHP DIBP Pb BL Cd BL Hg BL Cr(VI) BL expect color PBBs BL capacitor PBDEs BL	Cr(VI) BL PBBs BL PBDEs BL DBP N.D. BBP N.D. DEHP N.D. DIBP N.D. Pb BL Cd BL Hg BL Opper color PBBs BL capacitor PBDEs BL



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Part No.	Part Description	Restricted Substances	Result of EDXRF (1)	Result of Chemical Testing (2) (mg/kg)	Conclusion on RoHS
		Pb	BL		Comply
		Cd	BL		Comply
		Hg	BL		Comply
		Cr(VI)	BL	(2)	Comply
37	Solder	PBBs			NA
37	Joidel	PBDEs	(A)		NA
	(0)	DBP	(C)		NA NA
		BBP			NA
		DEHP		<u></u>	NA
		DIBP	(6)		NA (C)
		Pb	BL		Comply
		Cd	BL		Comply
	Green PCB	Hg	BL		Comply
		Cr(VI)	BL		Comply
- 00		PBBs	IN	N.D.	Comply
38		PBDEs	IN	N.D.	Comply
		DBP		N.D.	Comply
		BBP		N.D.	Comply
		DEHP	(5)	N.D.	Comply
		DIBP		N.D.	Comply
		Pb	BL		Comply
	(C)	Cd	BL	(Comply
		Hg	BL		Comply
		Cr(VI)	BL		Comply
22		PBBs	BL (Comply
39	Green paper	PBDEs	BL		Comply
		DBP		N.D.	Comply
		BBP		N.D.	Comply
	(6)	DEHP	9	N.D.	Comply
		DIBP		N.D.	Comply



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	<u> </u>		· 		<u> </u>	
Part No.	Part Description	Restricted Result of Substances EDXRF (1)		Result of Chemical Testing (2) (mg/kg)	Conclusion on RoHS	
	(6)		D. (63)			
		Pb	BL		Comply	
		Cd	BL		Comply	
		Hg	BL		Comply	
		Cr(VI)	BL		Comply	
40	Pink plastic	PBBs	BL		Comply	
40		PBDEs	BL		Comply	
		DBP	(0)	N.D.	Comply	
		BBP		N.D.	Comply	
		DEHP		N.D.	Comply	
(0)		DIBP	(5)	N.D.	Comply	
		Pb	BL		Comply	
		Cd	BL		Comply	
	(C)	Hg	BL (C)		Comply	
) All 16 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Cr(VI)	BL		Comply	
		PBBs	BL		Comply	
41	White plastic	PBDEs	BL	(-6)	Comply	
		DBP		N.D.	Comply	
		BBP		N.D.	Comply	
		DEHP	(5)	N.D.	Comply	
		DIBP		N.D.	Comply	
		Pb	BL		Comply	
		Cd	BL	(Comply	
		Hg	BL	(30)	Comply	
		Cr(VI)	BL		Comply	
		PBBs	(%)		NA	
42	Solder	PBDEs	(C)		NA NA	
		DBP			NA NA	
		BBP				
				(\overline{C})	NA NA	
		DEHP			NA NA	
		DIBP			NA	



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Part No.	Part Description	Restricted Substances	Result of EDXRF (1)	Result of Chemical Testing (2) (mg/kg)	Conclusion on RoHS
		Pb	BL		Comply
		Cd	BL		Comply
		Hg	BL		Comply
		Cr(VI)	BL	(4)	Comply
43	White plastic	PBBs	BL		Comply
43	A pidolio	PBDEs	BL		Comply
		DBP	(30)	N.D.	Comply
		BBP		N.D.	Comply
		DEHP		N.D.	Comply
(C)	((0))	DIBP	(6)	N.D.	Comply
		Pb	BL		Comply
		Cd	BL		Comply
		Hg	BL		Comply
		Cr(VI)	BL		Comply
44	Silvery color	PBBs			NA
44	metal	PBDEs	(5)	(-c)	NA (
		DBP			NA
		BBP			NA
	(c)	DEHP	(3)	NA
		DIBP			NA
		Pb	BL		Comply
	(cs)	Cd	BL		Comply
		Hg	BL		Comply
		Cr(VI)	BL		Comply
4=	CAN See also de	PBBs	BL		Comply
45	White plastic	PBDEs	BL		Comply
		DBP		N.D.	Comply
		BBP		N.D.	Comply
	(0)	DEHP	9	N.D.	Comply
		DIBP		N.D.	Comply



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Part No.	Part Description	Restricted Result of EDXRF (1)			Result of Chemical Testing (2) (mg/kg)	Conclusion on RoHS
	(0)	Pb		BL		Comply
		Cd		BL		Comply
		Hg		BL	,,	Comply
		Cr(VI)		BL		Comply
	Silvery color	PBBs				NA
46	metal pin	PBDEs				NA NA
	metal pili	DBP)	NA
		BBP				NA
		DEHP				NA
		DIBP			(-c,)	NA C
		Pb		BL		Comply
		Cd		BL		Comply
	(0)	Hg		BL C		Comply
		Cr(VI)		BL		Comply
	Solder	PBBs				NA
47		PBDEs				NA C
		DBP				NA
		BBP				NA
		DEHP		(3		NA NA
		DIBP				NA
		Pb		BL		Comply
		Cd		BL	(Comply
		Hg		BL		Comply
		Cr(VI)		BL		Comply
40	White plastic	PBBs		BL		Comply
48	jacket	PBDEs		BL	/ 	Comply
		DBP			N.D.	Comply
		BBP			N.D.	Comply
	100	DEHP			N.D.	Comply
		DIBP			N.D.	Comply



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- 1	. 1012201100011		,		r ago rron ro or or
Part No.	Part Description	Restricted Substances	Result of EDXRF (1)	Result of Chemical Testing (2) (mg/kg)	Conclusion on RoHS
		Pb	BL		Comply
		Cd	BL		Comply
		Hg	BL		Comply
		Cr(VI)	BL	(2)	Comply
49	Copper color	PBBs			NA
49	metal wire core	PBDEs			NA
		DBP	(0)		NA NA
		BBP			NA
		DEHP		<u></u>	NA
((C))	((C))	DIBP	(5)		NA (C)
		Pb	BL		Comply
		Cd	BL		Comply
	$\langle C_{i} \rangle$	Hg	BL		Comply
		Cr(VI)	BL		Comply
50	Transparent	PBBs	BL		Comply
50	plastic jacket	PBDEs	BL	(-c 1)	Comply
		DBP		N.D.	Comply
		BBP		N.D.	Comply
	(6)	DEHP	(3)	N.D.	Comply
		DIBP		N.D.	Comply
		Pb	BL		Comply
	(5)	Cd	BL		Comply
		Hg	BL		Comply
		Cr(VI)	BL		Comply
5 4	White plastic	PBBs	BL (Comply
51	cable jacket	PBDEs	BL		Comply
		DBP		N.D.	Comply
		BBP		N.D.	Comply
	(0)	DEHP		N.D.	Comply
		DIBP		N.D.	Comply



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•			,		r ago rron ro or or
Part No.	Part Description	Restricted Substances	Result of EDXRF (1)	Result of Chemical Testing (2) (mg/kg)	Conclusion on RoHS
		Pb	BL		Comply
		Cd	BL		Comply
		Hg	BL		Comply
		Cr(VI)	IN	N.D.	Comply
5 0	Silvery color	PBBs			NA
52	metal	PBDEs	(K)		NA
	$\langle C_{i} \rangle$	DBP	(C)		NA NA
		BBP			NA
		DEHP		 ,	NA
		DIBP	(5)		NA (G)
		Pb	BL		Comply
		Cd	BL		Comply
	$\langle c_j \rangle$	Hg	BL		Comply
		Cr(VI)	BL		Comply
	Black plastic	PBBs	BL		Comply
53		PBDEs	BL	(-61)	Comply
		DBP		N.D.	Comply
		BBP		N.D.	Comply
		DEHP	(5)	N.D.	Comply
		DIBP		N.D.	Comply
		Pb	BL		Comply
		Cd	BL	(Comply
		Hg	BL		Comply
		Cr(VI)	IN	N.D.	Comply
	Silvery color	PBBs	(3)		NA
54	metal	PBDEs			NA
		DBP			NA
		BBP			NA
	(0)	DEHP	(S)	(50)	NA (S)
		DIBP			NA



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•			,		
Part No.	Part Description	Restricted Substances	Result of EDXRF (1)	Result of Chemical Testing (2) (mg/kg)	Conclusion on RoHS
			B. (63)		
		Pb	BL		Comply
		Cd	BL		Comply
		Hg	BL		Comply
		Cr(VI)	BL	(Comply
55	Silvery color	PBBs			NA
00	metal pin	PBDEs			NA
	(0)	DBP	(60)		NA
		BBP			NA
		DEHP		<u></u>	NA
(0)		DIBP	(5)	(NA (C)
		Pb	BL		Comply
		Cd	BL		Comply
	$\langle G \rangle$	Hg	BL (Comply
		Cr(VI)	BL		Comply
	Die ek ve eietew	PBBs	BL		Comply
56	Black resistor	PBDEs	BL	(-6)	Comply
		DBP		N.D.	Comply
		BBP		N.D.	Comply
		DEHP	(6)	N.D.	Comply
		DIBP		N.D.	Comply
		Pb	BL		Comply
		Cd	BL	(Comply
		Hg	BL	(8)	Comply
		Cr(VI)	BL		Comply
		PBBs	(%)		NA NA
57	Solder	PBDEs			NA
		DBP			NA
		BBP		(K)	NA NA
		DEHP	(5)	$(\mathcal{L}_{\mathcal{L}}}}}}}}}}$	NA NA
		DIBP			NA NA
		טוסר			INA



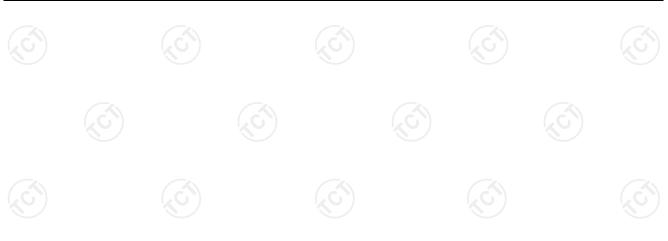
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			•		
Part No.	Part Description	Restricted Substances	Result of EDXRF (1)	Result of Chemical Testing (2) (mg/kg)	Conclusion on RoHS
		Pb	BL		Comply
		Cd	BL		Comply
		Hg	BL		Comply
		Cr(VI)	BL	(2)	Comply
58	Green PCB	PBBs	IN	N.D.	Comply
		PBDEs	IN	N.D.	Comply
		DBP	(6)	N.D.	Comply
		BBP		N.D.	Comply
		DEHP		N.D.	Comply
(C)	(0)	DIBP	(5)	N.D.	Comply
		Pb	BL		Comply
		Cd	BL		Comply
	White plastic	Hg	BL		Comply
		Cr(VI)	BL		Comply
59		PBBs	BL		Comply
59		PBDEs	BL	(-c)	Comply
		DBP		N.D.	Comply
		BBP		N.D.	Comply
		DEHP	(5)	N.D.	Comply
		DIBP		N.D.	Comply
		Pb	BL		Comply
	(cs)	Cd	BL	((1)	Comply
		Hg	BL		Comply
		Cr(VI)	BL		Comply
22	GAID:	PBBs	BL (Comply
60	White plastic	PBDEs	BL		Comply
		DBP		N.D.	Comply
		ВВР		N.D.	Comply
	(0)	DEHP	9)	N.D.	Comply
		DIBP		N.D.	Comply



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Part No. Part Description		Restricted Substances	Result of EDXRF (1)	Result of Chemical Testing (2) (mg/kg)	Conclusion on RoHS
		Pb	BL		Comply
		Cd	BL		Comply
		Hg	BL	<u></u>	Comply
	(0)	Cr(VI)	BL	(2 0.)	Comply
0.4	Diale alestic	PBBs	BL		Comply
61	Pink plastic	PBDEs	BL		Comply
		DBP	(0)	N.D.	Comply
		BBP		N.D.	Comply
		DEHP		N.D.	Comply
		DIBP	<u>ن (ن</u>	N.D.	Comply
		Pb	BL		Comply
		Cd	BL		Comply
	(C_{i})	Hg	BL (C)		Comply
		Cr(VI)	BL		Comply
00	Dink plantia	PBBs	BL		Comply
62	Pink plastic	PBDEs	BL	(-61)	Comply
		DBP		N.D.	Comply
		BBP		N.D.	Comply
	(3)	DEHP	(c)	N.D.	Comply
		DIBP		N.D.	Comply





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Remark:

- (1) (a) It is the result on total Br while test item on restricted substances is PBBs/PBDEs. It is the result on total Cr while test item on restricted substances is Cr(VI).
 - (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	
C4	BL≤(70-3σ) <x<< td=""><td>BL≤(70-3σ)<x<< td=""><td>LOD<x<(150+3σ)< td=""></x<(150+3σ)<></td></x<<></td></x<<>	BL≤(70-3σ) <x<< td=""><td>LOD<x<(150+3σ)< td=""></x<(150+3σ)<></td></x<<>	LOD <x<(150+3σ)< td=""></x<(150+3σ)<>	
Cd	(130+3σ)≤OL	(130+3σ) ≤OL	≤OL	
Dh	BL≤(700-3σ) <x<< td=""><td>BL≤(700-3σ)<x<< td=""><td>BL≤(500-3σ)<x<< td=""></x<<></td></x<<></td></x<<>	BL≤(700-3σ) <x<< td=""><td>BL≤(500-3σ)<x<< td=""></x<<></td></x<<>	BL≤(500-3σ) <x<< td=""></x<<>	
Pb	(1300+3σ) ≤OL	(1300+3σ) ≤OL	(1500+3σ) ≤OL	
l la	BL≤(700-3σ) <x<< td=""><td>BL≤(700-3σ)<x<< td=""><td>BL≤(500-3σ)<x<< td=""></x<<></td></x<<></td></x<<>	BL≤(700-3σ) <x<< td=""><td>BL≤(500-3σ)<x<< td=""></x<<></td></x<<>	BL≤(500-3σ) <x<< td=""></x<<>	
Hg	(1300+3σ)≤OL	(1300+3σ)≤OL	(1500+3σ) ≤OL	
Br	BL≤(300-3σ) <x< td=""><td>NA</td><td>BL≤(250-3σ)<x< td=""></x<></td></x<>	NA	BL≤(250-3σ) <x< td=""></x<>	
Cr	BL≤(700-3σ) <x< td=""><td>BL≤(700-3σ)<x< td=""><td>BL≤(500-3σ)<x< td=""></x<></td></x<></td></x<>	BL≤(700-3σ) <x< td=""><td>BL≤(500-3σ)<x< td=""></x<></td></x<>	BL≤(500-3σ) <x< td=""></x<>	

- (c) BL = Below Limit, 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 chemical test

Test Items	Pb	Cd	Hg	Cr(VI)	PBBs	PBDEs	DBP	BBP	DEHP	DIBP
MDL(mg/kg)	10	10	10	*	100	100	100	100	100	100
Limit(mg/kg)	1000	100	1000	1000	1000	1000	1000	1000	1000	1000

^{*}MDL of Cr(VI) for polymer, composite sample is 10 mg/kg,

MDL of Cr(VI) for metal sample is 0.10 µg/cm²,

The limit is quoted from the Directive (EU) 2015/863 - Amendment of EU RoHS Directive 2011/65/EU Annex II.

- (c) According to IEC 62321-7-1:15, For metal samples,
 - a. When the Cr (VI) concentration is > the 0,13 μ g/cm², the sample is positive for Cr(VI) and considered to contain Cr(VI).
 - b. When the Cr (VI) concentration is N.D.(< the 0,10 μ g/cm²), the sample is negative for Cr(VI) and considered a non-Cr(VI) based coating.
 - c. When the Cr (VI) concentration is \geq the 0,10 µg/cm² and \leq the 0,13 µg/cm², the result is considered to be inconclusive Unavoidable coating variations may influence the determination.

Because the storage condition and production date of the sample are not known, the test results of



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the sample of hexavalent chromium can only represent the state of hexavalent chromium in the samples tested.





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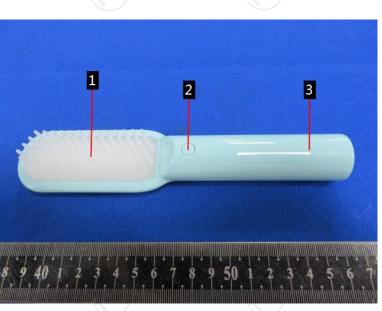


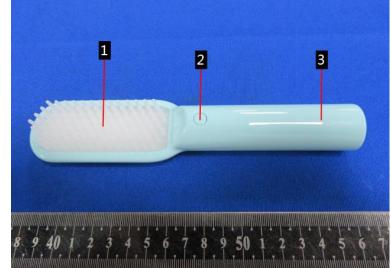
Photo(s) of the sample(s)













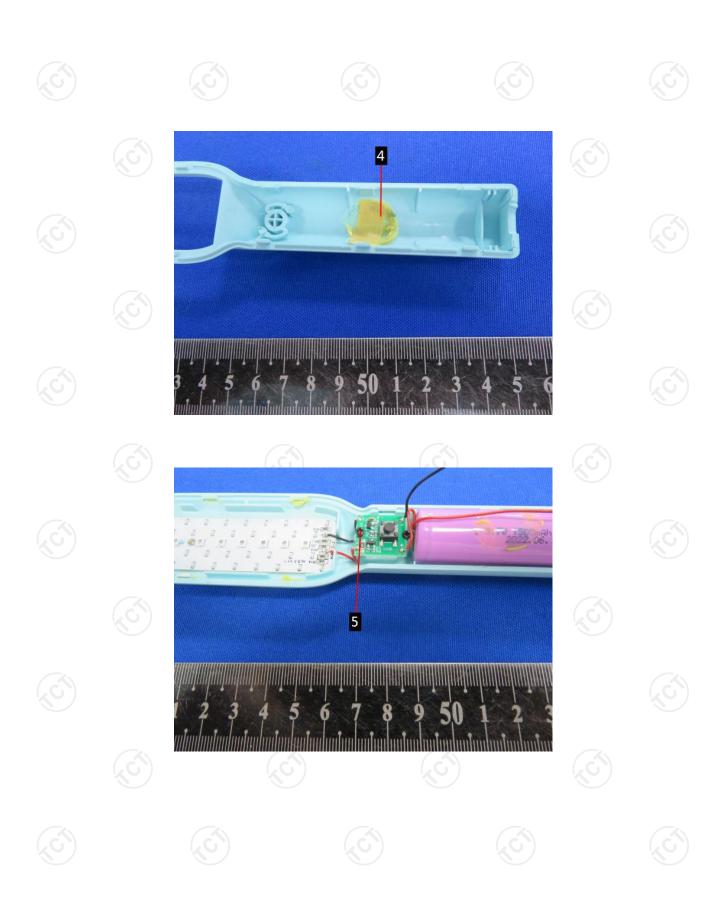






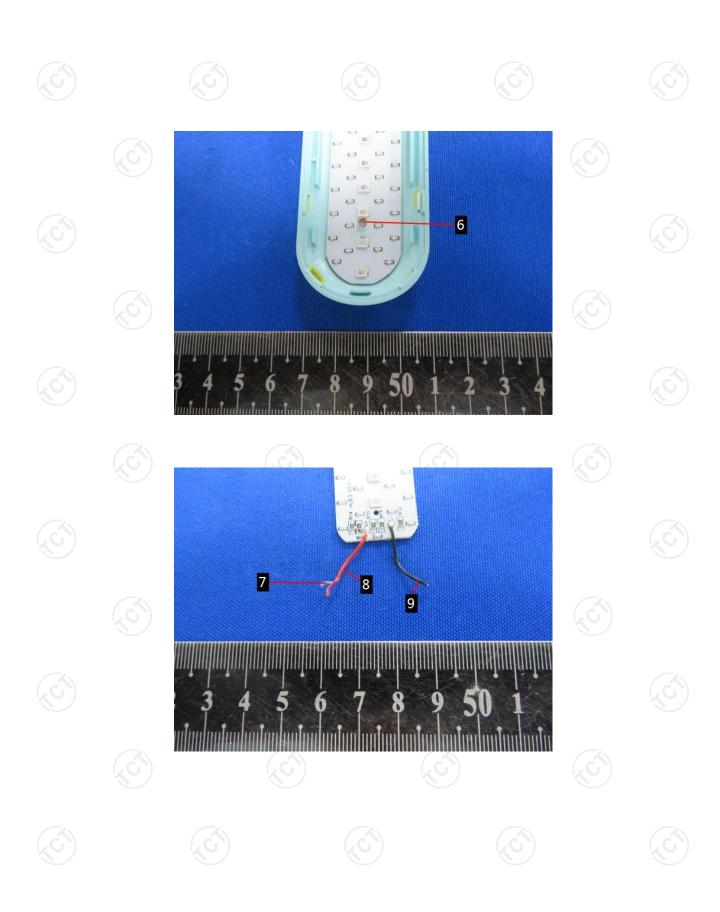


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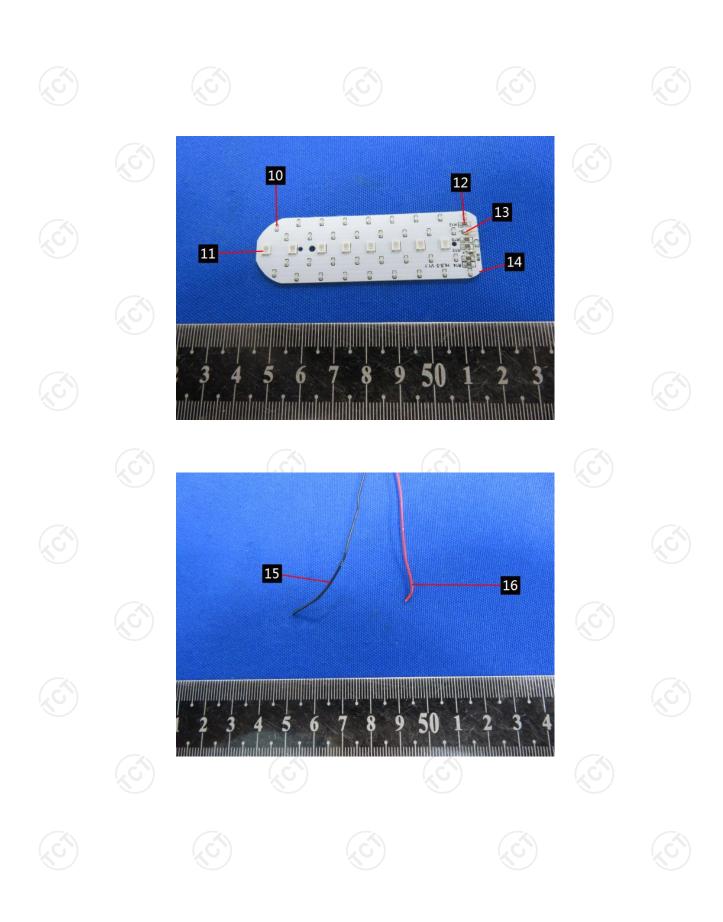


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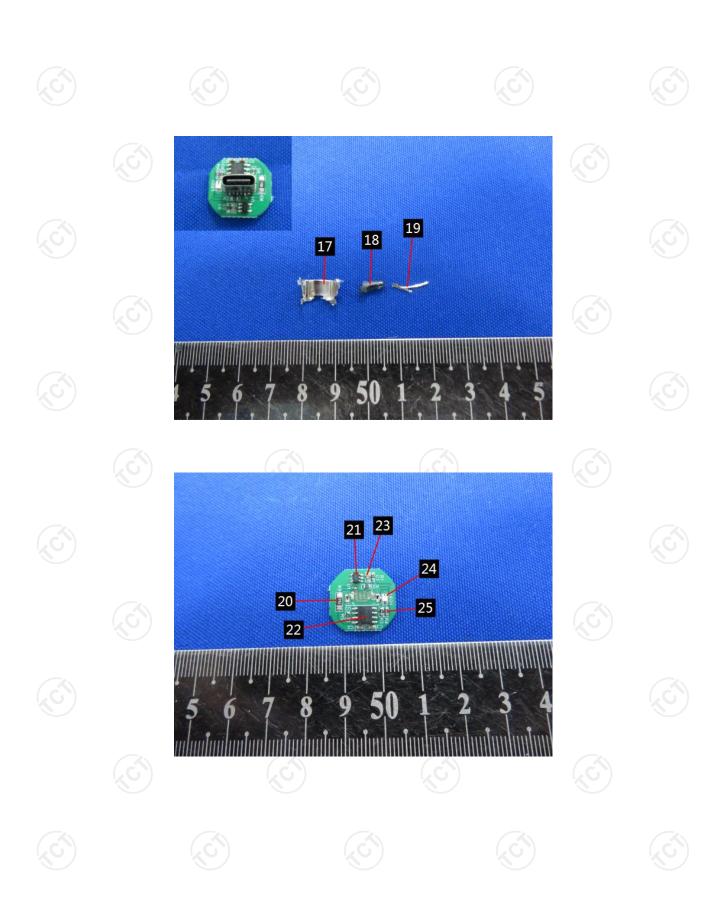


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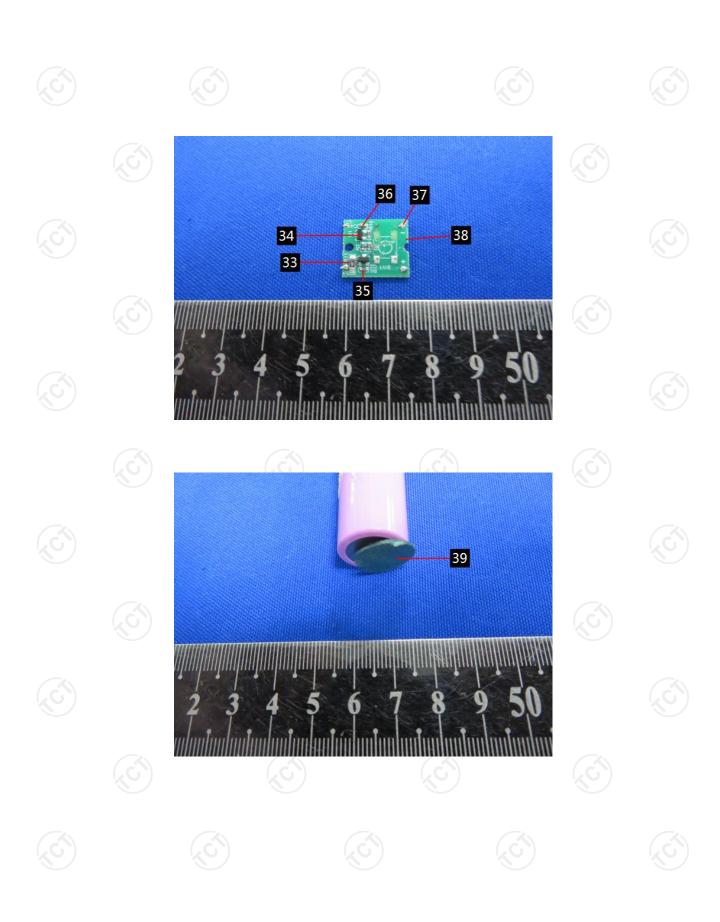


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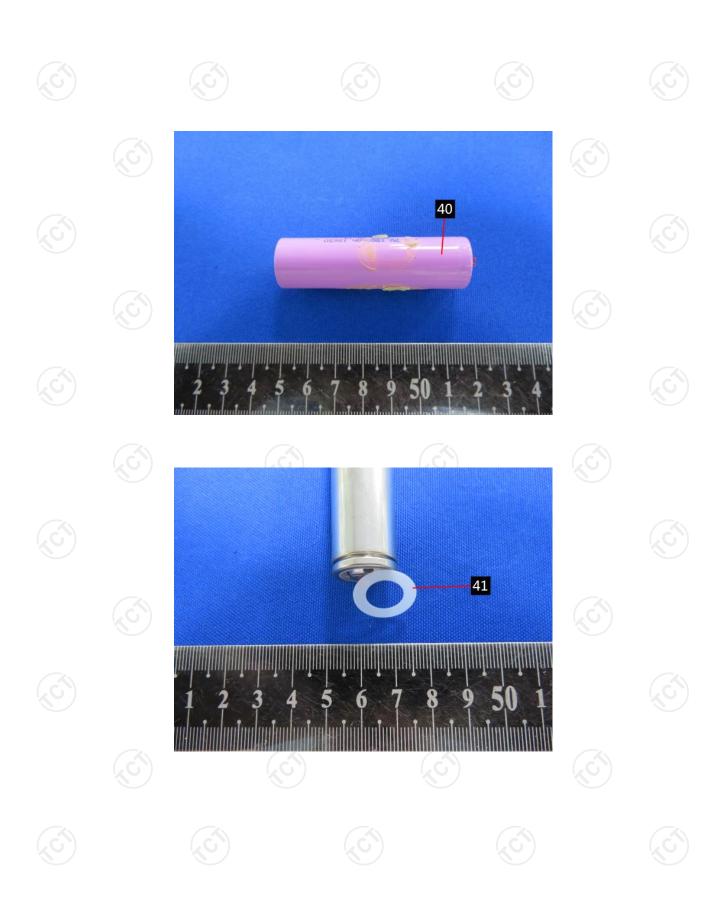


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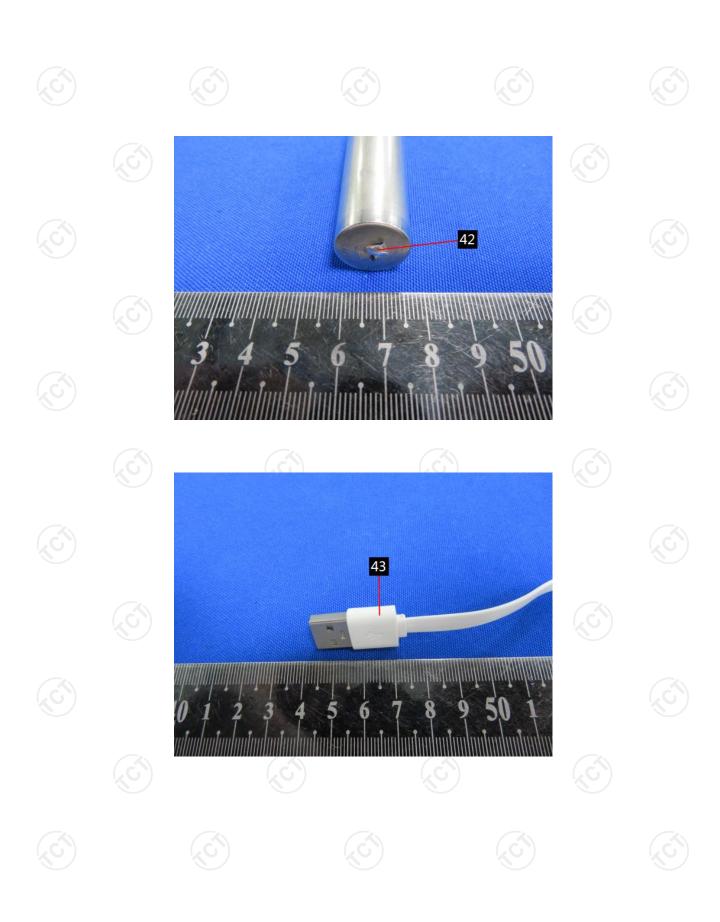


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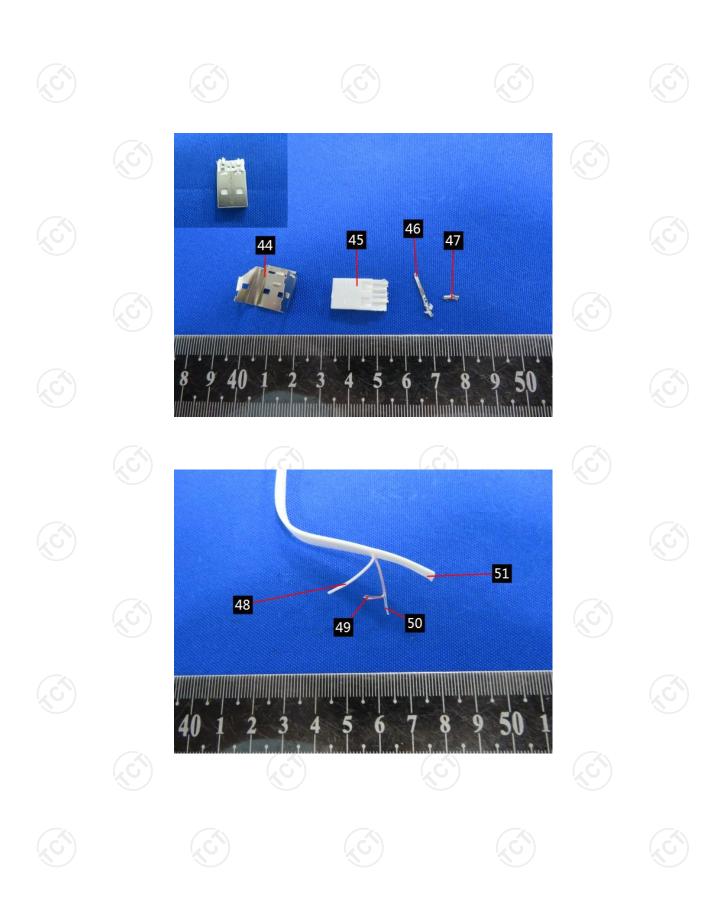


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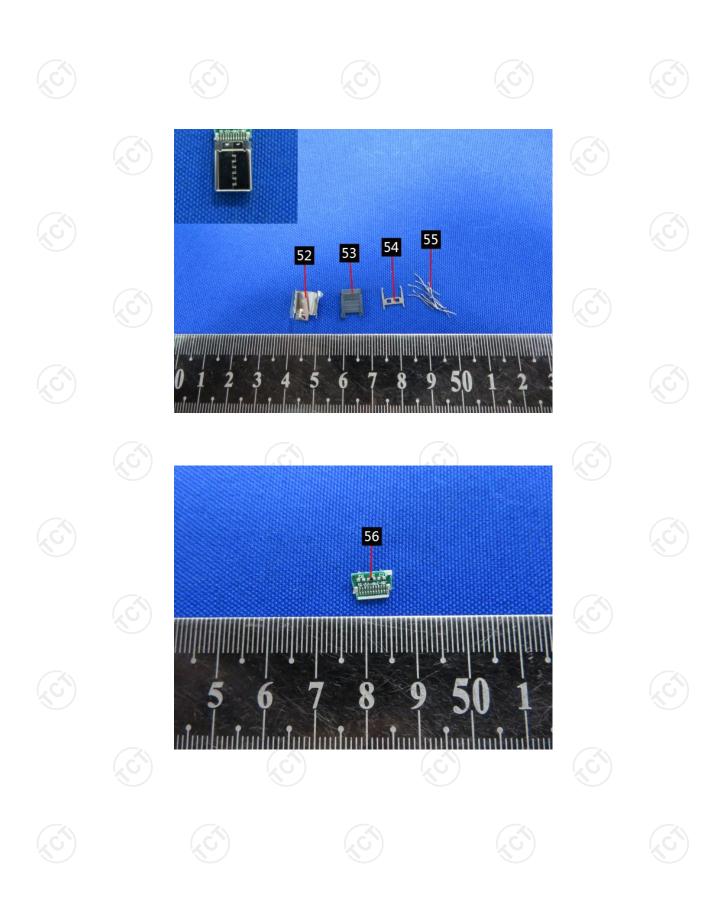


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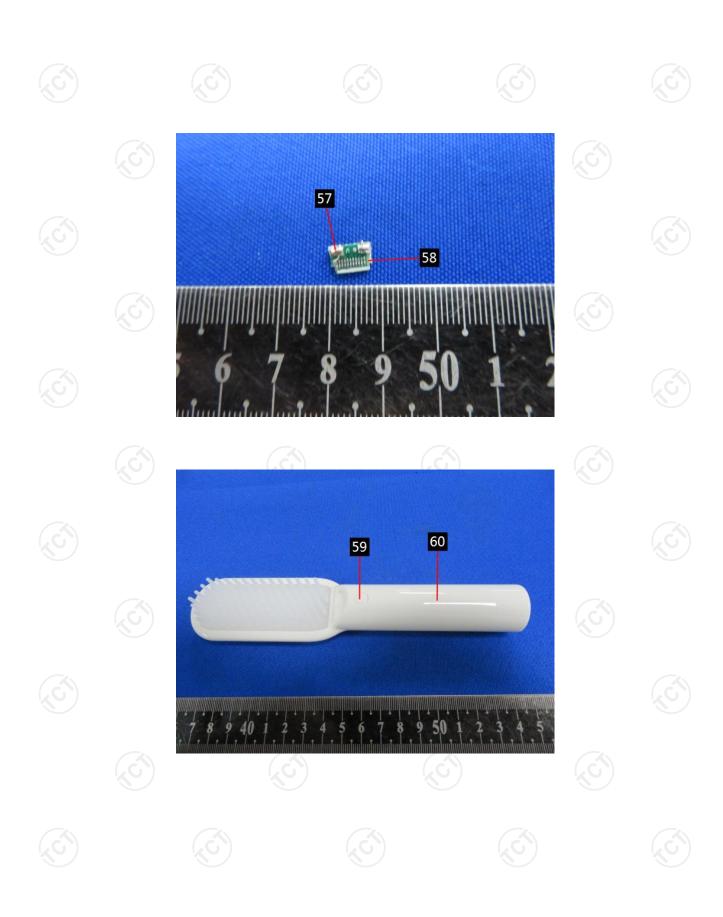


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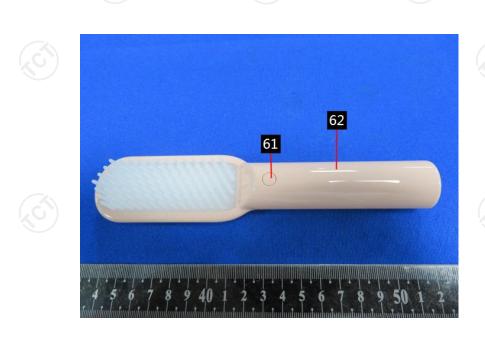


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*** End of Report ***

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