

Test Report No.:

1160042939a 003

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Client: Hangzhou Hikvision Digital Technology Co., Ltd.
No.555 Qianmo Road,Binjiang District Hangzhou310052,China

Test item(s): Network camera

Test Model No(s): DS-2CD2623G0-IZS, DS-2CD2625FWD-IZS

Reference Style No(s). Refer to page 2-3

Sample Receiving date: 2018-01-02, 2018-10-10

Delivery condition: Apparent good, Samples tested as received

Test specification:

Test result:

Overall results according to tests performed

1. Cadmium, Lead, Chromium (VI), Mercury, Polybrominated biphenyls (PBB) and Polybrominated diphenyl ethers (PBDE) Benzylbutyl phthalate (BBP), Dibutyl phthalate (DBP), Bis(2-ethylhexyl) phthalate (DEHP), Diisobutyl phthalate (DIBP) **PASS**
- According to RoHS (recast): Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment, 2011/65/EU last amended by (EU) 2015/863

Other Information:

Test period: 2018-01-02 ~ 2018-01-17, 2018-10-10 ~2018-10-16

Remark: Please be kindly informed that all the content recorded in captioned report 1160042939a 002 issued on Aug.03, 2018 is cancelled and now superseded by 1160042939a 003.

The testing items in the report were subcontracted to the lab which complied with ISO17025.

For and on behalf of
TÜV Rheinland / CCIC (Ningbo) Co., Ltd.

2018-10-22 Xie Xianqiang Department Manager

Date Name/Position

Test result is drawn according to the kind and extent of tests performed.

This test report relates to the a. m. test sample. Without permission of the test center this test report is not permitted to be duplicated in extracts. This test report does not entitle to carry any safety mark on this or similar products.

Remark:

Hangzhou Hikvision Digital Technology Co., Ltd. declared that:

The following models and test model DS-2CD2623G0-IZS, DS-2CD2625FWD-IZS are the same serials, all components were made by the same raw material but different in shapes and sizes. Hangzhou Hikvision Digital Technology Co., Ltd. will be responsible for this statement.

DS-2CD2683G0-IZS, DS-2CD2663G0-IZS, DS-2CD2763G0-IZS, DS-2CD3645G0-IZS, DS-2CD3645G0-UHK, DS-2CD3645G0-CKV, DS-2CD3645G0-UVS, DS-2CD3645G0-KVO, DS-2CD3645G0-HUN, DS-2CD2645FWD-IZS, DS-2CD2621G0-IS, DS-2CD2621G0-IZ, DS-2CD2621G0-I, DS-2CD2621G0-IZS, DS-2CD3625G0-IZS, DS-2CD3625G0-IZSUHK, DS-2CD3625G0-IZSCKV, DS-2CD3625G0-IZSUVS, DS-2CD3625G0-IZSKVO, DS-2CD3625G0-IZSHUN, DS-2CD3623G0-IZS, DS-2CD3643G0-IZS, DS-2CD3663G0-IZS, DS-2CD3683G0-IZS, DS-2CD3623G0-IZSUHK, DS-2CD3623G0-IZSCKV, DS-2CD3623G0-IZSUVS, DS-2CD3623G0-IZSKVO, DS-2CD3623G0-IZSHUN, DS-2CD3643G0-IZSUHK, DS-2CD3643G0-IZSCKV, DS-2CD3643G0-IZSUVS, DS-2CD3643G0-IZSKVO, DS-2CD3643G0-IZSHUN, DS-2CD3663G0-IZSUHK, DS-2CD3663G0-IZSCKV, DS-2CD3663G0-IZSUVS, DS-2CD3663G0-IZSKVO, DS-2CD3663G0-IZSHUN, DS-2CD3683G0-IZSUHK, DS-2CD3683G0-IZSCKV, DS-2CD3683G0-IZSUVS, DS-2CD3683G0-IZSKVO, DS-2CD3683G0-IZSHUN, DS-2CD26UVWXYZ-ABCDEFGH, DS-2CD36UVWXYZ-ABCDEFGH, DS-2CD2635FWD-IZS, DS-2CD2655FWD-IZS, DS-2CD2685FWD-IZS, DS-2CD3685G0-IZS, DS-2CD2685G0-IZS, DS-2CD3685G0-IZSUHK, DS-2CD3685G0-IZSCKV, DS-2CD3685G0-IZSUVS, DS-2CD3685G0-IZSKVO, DS-2CD3685G0-IZSHUN, DS-2CD2685G0-IZSUHK, DS-2CD2685G0-IZSCKV, DS-2CD2685G0-IZSUVS, DS-2CD2685G0-IZSKVO, DS-2CD2685G0-IZSHUN, DS-2CD2685FWD-IZS(B), DS-2CD3665G0-IZS, DS-2CD2665G0-IZS, DS-2CD3665G0-IZSUHK, DS-2CD3665G0-IZSCKV, DS-2CD3665G0-IZSUVS, DS-2CD3665G0-IZSKVO, DS-2CD3665G0-IZSHUN, DS-2CD2665G0-IZSUHK, DS-2CD2665G0-IZSCKV, DS-2CD2665G0-IZSUVS, DS-2CD2665G0-IZSKVO, DS-2CD2665G0-IZSHUN, DS-2CD2665FWD-IZS, DS-2CD2683G1-IZS, DS-2CD2663G1-IZS, DS-2CD2643G1-IZS, DS-2CD2623G1-IZS, DS-2CD2683G1-IZ, DS-2CD2663G1-IZ, DS-2CD2643G1-IZ, DS-2CD2623G1-IZ, DS-2CD3683G1-IZS, DS-2CD3663G1-IZS, DS-2CD3643G1-IZS, DS-2CD3623G1-IZS, DS-2CD3683G1-IZ, DS-2CD3663G1-IZ, DS-2CD3643G1-IZ, DS-2CD3623G1-IZ, DS-2CD2683G1-IZSUHK, DS-2CD2683G1-IZSCKV, DS-2CD2683G1-IZSUVS, DS-2CD2683G1-IZSKVO, DS-2CD2683G1-IZSHUN, DS-2CD2663G1-IZSUHK, DS-2CD2663G1-IZSCKV, DS-2CD2663G1-IZSUVS, DS-2CD2663G1-IZSKVO, DS-2CD2663G1-IZSHUN, DS-2CD2643G1-IZSUHK, DS-2CD2643G1-IZSCKV, DS-2CD2643G1-IZSUVS, DS-2CD2643G1-IZSKVO, DS-2CD2643G1-IZSHUN, DS-2CD2623G1-IZSUHK, DS-2CD2623G1-IZSCKV, DS-2CD2623G1-IZSUVS, DS-2CD2623G1-IZSKVO, DS-2CD2623G1-IZSHUN, DS-2CD2683G1-IZUHK, DS-2CD2683G1-IZCKV, DS-2CD2683G1-IZUVS, DS-2CD2683G1-IZKVO, DS-2CD2683G1-IZHUN, DS-2CD2663G1-IZUHK, DS-2CD2663G1-IZCKV, DS-2CD2663G1-IZUVS, DS-2CD2663G1-IZKVO, DS-2CD2663G1-IZHUN, DS-2CD2643G1-IZUHK, DS-2CD2643G1-IZCKV, DS-2CD2643G1-IZUVS, DS-2CD2643G1-IZKVO, DS-2CD2643G1-IZHUN, DS-2CD2623G1-IZUHK, DS-2CD2623G1-IZCKV, DS-2CD2623G1-IZUVS, DS-2CD2623G1-IZKVO, DS-2CD2623G1-IZHUN, DS-2CD3683G1-IZSUHK, DS-2CD3683G1-IZSCKV, DS-2CD3683G1-IZSUVS, DS-2CD3683G1-IZSKVO, DS-2CD3683G1-IZSHUN, DS-2CD3663G1-IZSUHK, DS-2CD3663G1-IZSCKV, DS-2CD3663G1-IZSUVS, DS-2CD3663G1-IZSKVO, DS-2CD3663G1-IZSHUN, DS-2CD3643G1-IZSUHK, DS-2CD3643G1-IZSCKV, DS-2CD3643G1-IZSUVS, DS-2CD3643G1-IZSKVO, DS-2CD3643G1-IZSHUN, DS-2CD3623G1-IZSUHK, DS-2CD3623G1-IZSCKV, DS-2CD3623G1-IZSUVS, DS-2CD3623G1-IZSKVO, DS-2CD3623G1-IZSHUN, DS-2CD3683G1-IZUHK, DS-2CD3683G1-IZCKV, DS-2CD3683G1-IZUVS, DS-2CD3683G1-IZKVO, DS-2CD3683G1-IZHUN,

DS-2CD3663G1-IZUHK,DS-2CD3663G1-IZCKV,DS-2CD3663G1-IZUVS,DS-2CD3663G1-IZKVO,DS-2CD3663G1-IZHUN,DS-2CD3643G1-IZUHK,DS-2CD3643G1-IZCKV,DS-2CD3643G1-IZUVS,DS-2CD3643G1-IZKVO,DS-2CD3643G1-IZHUN,DS-2CD3623G1-IZUHK,DS-2CD3623G1-IZCKV,DS-2CD3623G1-IZUVS,DS-2CD3623G1-IZKVO,DS-2CD3623G1-IZHUN,DS-2CD1623G1-IZS,DS-2CD1623G1-IZ,DS-2CD1623G1-IS,DS-2CD1623G1-I,IPC-B621H-Z,IPC-B621H-V,HWI-B621H-Z,HWI-B621H-V, DS-2CD3685G1-IZS,DS-2CD3685G1-IZ,DS-2CD2685G1-IZS,DS-2CD2685G1-IZ,DS-2CD3685G1-IZSUHK,DS-2CD3685G1-IZSCKV,DS-2CD3685G1-IZSUVS,DS-2CD3685G1-IZSKVO,DS-2CD3685G1-IZSHUN,DS-2CD3685G1-IZUHK,DS-2CD3685G1-IZCKV,DS-2CD3685G1-IZUVS,DS-2CD3685G1-IZKVO,DS-2CD3685G1-IZHUN,DS-2CD2685G1-IZSUHK,DS-2CD2685G1-IZSCKV,DS-2CD2685G1-IZSUVS,DS-2CD2685G1-IZSKVO,DS-2CD2685G1-IZSHUN,DS-2CD2685G1-IZUHK,DS-2CD2685G1-IZCKV,DS-2CD2685G1-IZUVS,DS-2CD2685G1-IZKVO,DS-2CD2685G1-IZHUN,DS-2CD3665G1-IZS,DS-2CD3645G1-IZS,DS-2CD3625G1-IZS,DS-2CD3665G1-IZ,DS-2CD3645G1-IZ,DS-2CD3625G1-IZ,DS-2CD2665G1-IZS,DS-2CD2645G1-IZS,DS-2CD2625G1-IZS,DS-2CD2665G1-IZ,DS-2CD2645G1-IZ,DS-2CD2625G1-IZ,DS-2CD3665G1-IZSUHK,DS-2CD3665G1-IZSCKV,DS-2CD3665G1-IZSUVS,DS-2CD3665G1-IZSKVO,DS-2CD3665G1-IZSHUN,DS-2CD3665G1-IZUHK,DS-2CD3665G1-IZCKV,DS-2CD3665G1-IZUVS,DS-2CD3665G1-IZKVO,DS-2CD3665G1-IZHUN,DS-2CD3645G1-IZSUHK,DS-2CD3645G1-IZSCKV,DS-2CD3645G1-IZSUVS,DS-2CD3645G1-IZSKVO,DS-2CD3645G1-IZSHUN,DS-2CD3645G1-IZUHK,DS-2CD3645G1-IZCKV,DS-2CD3645G1-IZUVS,DS-2CD3645G1-IZKVO,DS-2CD3645G1-IZHUN,DS-2CD3625G1-IZSUHK,DS-2CD3625G1-IZSCKV,DS-2CD3625G1-IZSUVS,DS-2CD3625G1-IZSKVO,DS-2CD3625G1-IZSHUN,DS-2CD3625G1-IZUHK,DS-2CD3625G1-IZCKV,DS-2CD3625G1-IZUVS,DS-2CD3625G1-IZKVO,DS-2CD3625G1-IZHUN,DS-2CD2665G1-IZSUHK,DS-2CD2665G1-IZSCKV,DS-2CD2665G1-IZSUVS,DS-2CD2665G1-IZSKVO,DS-2CD2665G1-IZSHUN,DS-2CD2665G1-IZUHK,DS-2CD2665G1-IZCKV,DS-2CD2665G1-IZUVS,DS-2CD2665G1-IZKVO,DS-2CD2665G1-IZHUN,DS-2CD2645G1-IZSUHK,DS-2CD2645G1-IZSCKV,DS-2CD2645G1-IZSUVS,DS-2CD2645G1-IZSKVO,DS-2CD2645G1-IZSHUN,DS-2CD2645G1-IZUHK,DS-2CD2645G1-IZCKV,DS-2CD2645G1-IZUVS,DS-2CD2645G1-IZKVO,DS-2CD2645G1-IZHUN,DS-2CD2625G1-IZSUHK,DS-2CD2625G1-IZSCKV,DS-2CD2625G1-IZSUVS,DS-2CD2625G1-IZSKVO,DS-2CD2625G1-IZSHUN,DS-2CD2625G1-IZUHK,DS-2CD2625G1-IZCKV,DS-2CD2625G1-IZUVS,DS-2CD2625G1-IZKVO,DS-2CD2625G1-IZHUN,HWI-B621-Z(B),HWI-B621-V(B),DS-2CD2646G1-IZS,DS-2CD3656G1-IZS,DS-2CD3626G1-IZS,DS-2CD2646G1-IZS,DS-2CD2626G1-IZS,DS-2CD3656G1-IZ,DS-2CD3626G1-IZ,DS-2CD2646G1-IZ,DS-2CD2626G1-IZ,DS-2CD3656G1-IZSUHK,DS-2CD3656G1-IZSCKV,DS-2CD3656G1-IZSUVS,DS-2CD3656G1-IZSKVO,DS-2CD3656G1-IZSHUN,DS-2CD3626G1-IZSUHK,DS-2CD3626G1-IZSCKV,DS-2CD3626G1-IZSUVS,DS-2CD3626G1-IZSKVO,DS-2CD3626G1-IZSHUN,DS-2CD2646G1-IZSUHK,DS-2CD2646G1-IZSCKV,DS-2CD2646G1-IZSUVS,DS-2CD2646G1-IZSKVO,DS-2CD2646G1-IZSHUN,DS-2CD2626G1-IZSUHK,DS-2CD2626G1-IZSCKV,DS-2CD2626G1-IZSUVS,DS-2CD2626G1-IZSKVO,DS-2CD2626G1-IZSHUN,DS-2CD3656G1-IZUHK,DS-2CD3656G1-IZCKV,DS-2CD3656G1-IZUVS,DS-2CD3656G1-IZKVO,DS-2CD3656G1-IZHUN,DS-2CD3626G1-IZUHK,DS-2CD3626G1-IZCKV,DS-2CD3626G1-IZUVS,DS-2CD3626G1-IZKVO,DS-2CD3626G1-IZHUN,DS-2CD2646G1-IZUHK,DS-2CD2646G1-IZCKV,DS-2CD2646G1-IZUVS,DS-2CD2646G1-IZKVO,DS-2CD2646G1-IZHUN,DS-2CD2626G1-IZUHK,DS-2CD2626G1-IZCKV,DS-2CD2626G1-IZUVS,DS-2CD2626G1-IZKVO,DS-2CD2626G1-IZHUN

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1. Screening Test by XRF Spectroscopy

Test Method: Cadmium, Lead, Mercury, Chromium, Bromine
- With reference to IEC 62321-3-1: 2013

Testing Period: 2018-01-02 ~ 2018-01-17, 2018-10-10 ~ 2018-10-16

Material No.	Description	Result (mg/kg)				
		Cd	Pb	Cr [^]	Hg	Br [^]
1	White plastic side outlet cover	n.d.	n.d.	n.d.	n.d.	n.d.
2	Gray rubber stopper	n.d.	n.d.	n.d.	n.d.	n.d.
3-1	White coating(junction box)	n.d.	n.d.	n.d.	n.d.	n.d.
3-2	Silvery metal base(junction box)	n.d.	d(^1)	n.d.	n.d.	N.A.
4	Silvery metal baseplate	n.d.	n.d.	d(^2)	n.d.	N.A.
5	Silvery metal threaded stud	n.d.	n.d.	d(^2)	n.d.	N.A.
6	White rubber ring	n.d.	n.d.	n.d.	n.d.	n.d.
7	Silvery metal screw(junction box)	n.d.	n.d.	d(^2)	n.d.	N.A.
8	Silvery metal sheet(pressure line code)	n.d.	n.d.	d(^2)	n.d.	N.A.
9	Silvery steel wire	n.d.	n.d.	d(^2)	n.d.	N.A.
10	Silvery metal buckle	n.d.	n.d.	d(^2)	n.d.	N.A.
11	Silvery metal screw(pressure line code)	n.d.	n.d.	d(^2)	n.d.	N.A.
12	Silvery metal screw(junction box)	n.d.	n.d.	d(^2)	n.d.	N.A.
13	White plastic shell(junction box)	n.d.	n.d.	n.d.	n.d.	d(^1)
14	Silvery metal sheet(pressure line code)	n.d.	n.d.	d(^2)	n.d.	N.A.
15	Silvery metal screw(pressure line code)	n.d.	n.d.	d(^2)	n.d.	N.A.
16	Black rubber stopper	n.d.	n.d.	n.d.	n.d.	n.d.
17-1	Green plastic plug(power interface)	n.d.	n.d.	n.d.	n.d.	n.d.
17-2	Silvery metal pin(power interface)	n.d.	n.d.	n.d.	n.d.	N.A.
17-3	Silvery metal screw(power interface)	n.d.	n.d.	n.d.	n.d.	N.A.
17-4	Silvery metal sheet(power interface)	n.d.	n.d.	n.d.	n.d.	N.A.
18-1	Sivery metal shell(network interface)	n.d.	n.d.	n.d.	n.d.	N.A.
18-2	Black plastic inner shell(network interface)	n.d.	n.d.	n.d.	n.d.	d(^1)
18-3	Silvery metal pin(network interface)	n.d.	n.d.	n.d.	n.d.	N.A.
19-1	Pink plastic shell(audio interface)	n.d.	n.d.	n.d.	n.d.	d(^1)
19-2	Silvery metal sheet(audio interface)	n.d.	n.d.	n.d.	n.d.	N.A.
20	Green plastic shell(audio interface)	n.d.	n.d.	n.d.	n.d.	d(^1)
21-1	White ceramic tube(fuse)	n.d.	n.d.	n.d.	n.d.	N.A.
21-2	Golden metal cap(fuse)	n.d.	n.d.	n.d.	n.d.	N.A.
22-1	SMD IC(P732TEV)	n.d.	n.d.	n.d.	n.d.	n.d.
22-2	SMD IC(P725XM)	n.d.	n.d.	n.d.	n.d.	n.d.
23	SMD capacitor	n.d.	n.d.	n.d.	n.d.	n.d.

Material No.	Description	Result (mg/kg)				
		Cd	Pb	Cr [^]	Hg	Br [^]
24-1	Beige plastic shell(terminal)	n.d.	n.d.	n.d.	n.d.	d(^1)
24-2	Silvery metal pin(terminal)	n.d.	n.d.	n.d.	n.d.	N.A.
25	White barcode label	n.d.	n.d.	n.d.	n.d.	n.d.
26	Silvery metal inner shell(adjusting bracket)	n.d.	d(^1)	n.d.	n.d.	N.A.
27-1	White coating(adjusting bracket)	n.d.	n.d.	n.d.	n.d.	n.d.
27-2	Silvery metal base(adjusting bracket)	n.d.	d(^1)	n.d.	n.d.	N.A.
28	Silvery metal spring(adjusting bracket)	n.d.	n.d.	d(^2)	n.d.	N.A.
29	Silvery metal screw(adjusting bracket)	n.d.	n.d.	d(^2)	n.d.	N.A.
30	Silvery metal circlip(adjusting bracket)	n.d.	n.d.	d(^2)	n.d.	N.A.
31-1	Transparent film(front cover)	n.d.	n.d.	n.d.	n.d.	n.d.
31-2	Black plastic cover(front cover)	n.d.	n.d.	n.d.	n.d.	n.d.
32	Black metal cover(front cover)	n.d.	n.d.	n.d.	n.d.	N.A.
33	Black rubber ring(front cover)	n.d.	n.d.	n.d.	n.d.	n.d.
34	Transparent plastic cap(front cover)	n.d.	n.d.	n.d.	n.d.	n.d.
35	Silvery metal screw(sun shield)	n.d.	n.d.	d(^2)	n.d.	N.A.
36	White plastic shell(sun shield)	n.d.	n.d.	n.d.	n.d.	n.d.
37	Black film(sun shield)	n.d.	n.d.	n.d.	n.d.	n.d.
38-1	White coating(camera shell)	n.d.	n.d.	n.d.	n.d.	n.d.
38-2	Silvery metal shell(camera shell)	n.d.	d(^1)	n.d.	n.d.	N.A.
39	White label paper(camera shell)	n.d.	n.d.	n.d.	n.d.	n.d.
40	Silvery metal screw(camera shell)	n.d.	n.d.	d(^2)	n.d.	N.A.
41	Transparent plastic lampshade(front cover)	n.d.	n.d.	n.d.	n.d.	n.d.
42	White rubber ring(front cover)	n.d.	n.d.	n.d.	n.d.	n.d.
43-1	Black PCB board(lamp panel)	n.d.	n.d.	n.d.	n.d.	n.d.
43-2	Silvery foil(PCB board)	n.d.	n.d.	n.d.	n.d.	N.A.
43-3	Soldering tin(PCB board)	n.d.	d(^1)	n.d.	n.d.	N.A.
44-1	Transparent LED	n.d.	n.d.	n.d.	n.d.	n.d.
44-2	Black ceramic base(LED)	n.d.	n.d.	n.d.	n.d.	N.A.
45-1	Soldering tin(PCB board)	n.d.	d(^1)	n.d.	n.d.	N.A.
45-2	Copper foil(PCB board)	n.d.	n.d.	n.d.	n.d.	N.A.
45-3	PCB board	n.d.	n.d.	n.d.	n.d.	d(^1)
46	Silvery metal screw(PCB board)	n.d.	n.d.	n.d.	n.d.	N.A.
47-1	SMD IC(QUW)	n.d.	n.d.	n.d.	n.d.	n.d.
47-2	SMD IC(7BD6BY)	n.d.	n.d.	n.d.	n.d.	n.d.
47-3	SMD IC(QUX)	n.d.	n.d.	n.d.	n.d.	n.d.
48-1	Beige plastic fixed clip(FFC)	n.d.	n.d.	n.d.	n.d.	n.d.
48-2	Black plastic fixed clip(FFC)	n.d.	n.d.	n.d.	n.d.	n.d.

Material No.	Description	Result (mg/kg)				
		Cd	Pb	Cr [^]	Hg	Br [^]
48-3	Silvery metal pin(FFC)	n.d.	n.d.	n.d.	n.d.	N.A.
49	Crystal oscillator(HLX7D)	n.d.	n.d.	n.d.	n.d.	N.A.
50-1	Transparent plastic cover(lens)	n.d.	n.d.	n.d.	n.d.	n.d.
50-2	Lens	n.d.	n.d.	n.d.	n.d.	n.d.
51-1	Brown plastic sheet(FFC)	n.d.	n.d.	n.d.	n.d.	n.d.
51-2	Brown FFC	n.d.	n.d.	n.d.	n.d.	n.d.
51-3	Coppery metal sheet(FFC)	n.d.	n.d.	n.d.	n.d.	N.A.
52-1	Magnetic frame(Inductor)	n.d.	n.d.	n.d.	n.d.	N.A.
52-2	Coppery winding (Inductor)	n.d.	n.d.	n.d.	n.d.	N.A.
53-1	Beige plastic shell(connector)	n.d.	n.d.	n.d.	n.d.	d(^1)
53-2	Silvery metal pin(connector)	n.d.	n.d.	n.d.	n.d.	N.A.
53-3	Silvery metal sheet(connector)	n.d.	n.d.	n.d.	n.d.	N.A.
54-1	SMD IC(VS161647)	n.d.	n.d.	n.d.	n.d.	n.d.
54-2	SMD IC(H4MB6S)	n.d.	n.d.	n.d.	n.d.	n.d.
54-3	SMD IC(EAGF)	n.d.	n.d.	n.d.	n.d.	n.d.
54-4	SMD IC(ASLC5616)	n.d.	n.d.	n.d.	n.d.	n.d.
55-1	SMD audion(6100CT)	n.d.	n.d.	n.d.	n.d.	n.d.
55-2	SMD audion(1AM)	n.d.	n.d.	n.d.	n.d.	n.d.
56-1	Blue plastic sleeve(electrolytic capacitor)	n.d.	n.d.	n.d.	n.d.	n.d.
56-2	Silvery metal shell(electrolytic capacitor)	n.d.	n.d.	n.d.	n.d.	N.A.
56-3	Brown paper(electrolytic capacitor)	n.d.	n.d.	n.d.	n.d.	n.d.
56-4	Aluminum foil(electrolytic capacitor)	n.d.	n.d.	n.d.	n.d.	N.A.
56-5	Black rubber stopper(electrolytic capacitor)	n.d.	n.d.	n.d.	n.d.	n.d.
56-6	Silvery metal pin(electrolytic capacitor)	n.d.	n.d.	n.d.	n.d.	N.A.
57-1	SMD resistor(R330)	n.d.	n.d.	n.d.	n.d.	n.d.
57-2	SMD resistor(100)	n.d.	n.d.	n.d.	n.d.	n.d.
58-1	Black plastic pedestal(switch)	n.d.	n.d.	n.d.	n.d.	n.d.
58-2	Silvery metal wafer(switch)	n.d.	n.d.	n.d.	n.d.	N.A.
58-3	Black plastic button(switch)	n.d.	n.d.	n.d.	n.d.	n.d.
58-4	Silvery metal pin(switch)	n.d.	n.d.	n.d.	n.d.	N.A.
58-5	Silvery metal cover(switch)	n.d.	n.d.	n.d.	n.d.	N.A.
59	GROUP-TEK	n.d.	n.d.	n.d.	n.d.	n.d.
60-1	Silvery metal pin(transformer)	n.d.	n.d.	n.d.	n.d.	N.A.
60-2	Black plastic bobbin(transformer)	n.d.	n.d.	n.d.	n.d.	n.d.
60-3	Coppery winding(transformer)	n.d.	n.d.	n.d.	n.d.	N.A.
60-4	Blue tape(transformer)	n.d.	n.d.	n.d.	n.d.	n.d.
60-5	Coppery foil(transformer)	n.d.	n.d.	n.d.	n.d.	N.A.

Material No.	Description	Result (mg/kg)				
		Cd	Pb	Cr [^]	Hg	Br [^]
61	SMD diode(Q715BGG)	n.d.	n.d.	n.d.	n.d.	n.d.
62-1	SMD IC(LC4375)	n.d.	n.d.	n.d.	n.d.	n.d.
62-2	SMD IC(A1642)	n.d.	n.d.	n.d.	n.d.	n.d.
62-3	SMD IC(SEC719)	n.d.	n.d.	n.d.	n.d.	n.d.
63	Silvery metal sheet(battery)	n.d.	n.d.	d(^2)	n.d.	N.A.
64-1	Green PCB board	n.d.	n.d.	n.d.	n.d.	d(^1)
64-2	Coppery foil(PCB board)	n.d.	n.d.	n.d.	n.d.	N.A.
64-3	Soldering tin(PCB board)	n.d.	d(^1)	n.d.	n.d.	N.A.
65-1	Black sponge	n.d.	n.d.	n.d.	n.d.	n.d.
65-2	Silvery metal shell(Interface)	n.d.	n.d.	d(^2)	n.d.	N.A.
65-3	Black plastic shell(Interface)	n.d.	n.d.	n.d.	n.d.	n.d.
65-4	Silvery metal pin(Interface)	n.d.	n.d.	n.d.	n.d.	N.A.
65-5	Silvery metal spring(Interface)	n.d.	n.d.	n.d.	n.d.	N.A.
66	Silvery metal threaded stud	n.d.	n.d.	n.d.	n.d.	N.A.
67	Silvery metal bracket	n.d.	n.d.	d(^2)	n.d.	N.A.
68-1	Gray gelatin sponge	n.d.	n.d.	n.d.	n.d.	n.d.
68-2	Pink gelatin sponge	n.d.	n.d.	n.d.	n.d.	n.d.
68-3	White gelatin sponge	n.d.	n.d.	n.d.	n.d.	n.d.
69	Silvery metal screw	n.d.	n.d.	n.d.	n.d.	N.A.
70-1	Transparent plastic bag(desiccant)	n.d.	n.d.	n.d.	n.d.	n.d.
70-2	Yellow desiccant	n.d.	n.d.	n.d.	n.d.	n.d.
71	Lens(camera lens)	n.d.	n.d.	n.d.	n.d.	n.d.
72-1	Black plastic shell(camera lens)	n.d.	n.d.	n.d.	n.d.	n.d.
72-2	Black label paper(camera lens)	n.d.	n.d.	n.d.	n.d.	n.d.
72-3	White glue(camera lens)	n.d.	n.d.	n.d.	n.d.	n.d.
73	Balck plastic revolving lens	n.d.	n.d.	n.d.	n.d.	n.d.
74	Black plastic washer(camera lens)	n.d.	n.d.	n.d.	n.d.	n.d.
75-1	Silvery metal base(bracket)(camera lens)	n.d.	n.d.	n.d.	n.d.	N.A.
75-2	Black coating(bracket)(camera lens)	n.d.	n.d.	n.d.	n.d.	n.d.
76	Silvery metal ring(camera lens)	n.d.	n.d.	d(^2)	n.d.	N.A.
77	Black metal screw(camera lens)	n.d.	n.d.	n.d.	n.d.	N.A.
78	Balck metal shell	n.d.	n.d.	d(^2)	n.d.	N.A.
79	Black plastic shell	n.d.	n.d.	n.d.	n.d.	n.d.
80-1	Black plastic sheet	n.d.	n.d.	n.d.	n.d.	n.d.
80-2	Multicolour lens	n.d.	n.d.	n.d.	n.d.	n.d.
80-3	Transparent lens	n.d.	n.d.	n.d.	n.d.	n.d.
81-1	Black plastic pointer	n.d.	n.d.	n.d.	n.d.	n.d.

Material No.	Description	Result (mg/kg)				
		Cd	Pb	Cr [^]	Hg	Br [^]
81-2	Black magnet	n.d.	n.d.	n.d.	n.d.	N.A.
82-1	Silvery metal bracket	n.d.	n.d.	n.d.	n.d.	N.A.
82-2	Black plastic bobbin	n.d.	n.d.	n.d.	n.d.	n.d.
82-3	Coppery winding	n.d.	n.d.	n.d.	n.d.	N.A.
83-1	Black plastic wire sheath	n.d.	n.d.	n.d.	n.d.	n.d.
83-2	Red plastic wire sheath	n.d.	n.d.	n.d.	n.d.	n.d.
83-3	Silvery metal wire core	n.d.	n.d.	n.d.	n.d.	N.A.
83-4	White plastic shell(terminal)	n.d.	n.d.	n.d.	n.d.	d(^1)
83-5	Silvery metal pin(terminal)	n.d.	n.d.	n.d.	n.d.	N.A.
84-1	Silvery metal side cover(motor)	n.d.	n.d.	d(^2)	n.d.	N.A.
84-2	Golden metal bearing(motor)	n.d.	n.d.	d(^2)	n.d.	N.A.
85	Golden metal gear(motor)	n.d.	d(^1)	n.d.	n.d.	N.A.
86-1	Silvery metal shaft(motor)	n.d.	n.d.	d(^2)	n.d.	N.A.
86-2	Gray magnet(motor)	n.d.	n.d.	n.d.	n.d.	N.A.
87	Silvery metal sheet(motor)	n.d.	n.d.	d(^2)	n.d.	N.A.
88	Black plastic sheet(motor)	n.d.	n.d.	n.d.	n.d.	n.d.
89-1	Silvery metal bobbin(motor)	n.d.	n.d.	n.d.	n.d.	N.A.
89-2	Coppery winding (motor)	n.d.	n.d.	n.d.	n.d.	N.A.
90	Black plastic cover	n.d.	n.d.	n.d.	n.d.	n.d.
91	Silvery metal screw	n.d.	n.d.	n.d.	n.d.	N.A.
92	Silvery metal gear shaft	n.d.	n.d.	d(^2)	n.d.	N.A.
93	Black plastic gear	n.d.	n.d.	n.d.	n.d.	n.d.
94	Black metal screw	n.d.	n.d.	d(^2)	n.d.	N.A.
95-1	Black fiber sleeve	n.d.	n.d.	n.d.	n.d.	n.d.
95-2	Black plastic wire sheath	n.d.	n.d.	n.d.	n.d.	n.d.
95-3	Silvery metal wire core	n.d.	n.d.	n.d.	n.d.	N.A.
96-1	Transparent glue	n.d.	n.d.	n.d.	n.d.	n.d.
96-2	Soldering tin	n.d.	d(^1)	n.d.	n.d.	N.A.
97	Black heat-shrinkable sleeve	n.d.	n.d.	n.d.	n.d.	n.d.
98-1	Black plastic wire sheath	n.d.	n.d.	n.d.	n.d.	n.d.
98-2	Blue plastic wire sheath	n.d.	n.d.	n.d.	n.d.	n.d.
98-3	Red plastic wire sheath	n.d.	n.d.	n.d.	n.d.	n.d.
98-4	White plastic wire sheath	n.d.	n.d.	n.d.	n.d.	n.d.
98-5	Green plastic wire sheath	n.d.	n.d.	n.d.	n.d.	n.d.
98-6	Purple plastic wire sheath	n.d.	n.d.	n.d.	n.d.	n.d.
98-7	Orange plastic wire sheath	n.d.	n.d.	n.d.	n.d.	n.d.
98-8	Yellow plastic wire sheath	n.d.	n.d.	n.d.	n.d.	n.d.

Material No.	Description	Result (mg/kg)				
		Cd	Pb	Cr [^]	Hg	Br [^]
98-9	Silvery metal wire core	n.d.	n.d.	n.d.	n.d.	N.A.
99	Black heat-shrinkable sleeve	n.d.	n.d.	n.d.	n.d.	n.d.
100-1	Yellow plastic wire sheath	n.d.	n.d.	n.d.	n.d.	n.d.
100-2	Orange plastic wire sheath	n.d.	n.d.	n.d.	n.d.	n.d.
100-3	Green plastic wire sheath	n.d.	n.d.	n.d.	n.d.	n.d.
100-4	Purple plastic wire sheath	n.d.	n.d.	n.d.	n.d.	n.d.
100-5	Gray plastic wire sheath	n.d.	n.d.	n.d.	n.d.	n.d.
100-6	Blue plastic wire sheath	n.d.	n.d.	n.d.	n.d.	n.d.
100-7	Brown plastic wire sheath	n.d.	n.d.	n.d.	n.d.	n.d.
100-8	Red plastic wire sheath	n.d.	n.d.	n.d.	n.d.	n.d.
100-9	Silvery metal wire core	n.d.	n.d.	n.d.	n.d.	N.A.
101	Black plastic wire sleeve	n.d.	n.d.	n.d.	n.d.	n.d.
102	White plastic bracket	n.d.	n.d.	n.d.	n.d.	n.d.
103	Silvery metal screwdriver	n.d.	n.d.	d(^2)	n.d.	N.A.
104-1	Transparent plastic bag	n.d.	n.d.	n.d.	n.d.	n.d.
104-2	Silvery metal screw	n.d.	n.d.	n.d.	n.d.	N.A.
104-3	White plastic anchoring	n.d.	n.d.	n.d.	n.d.	n.d.
105	White label paper	n.d.	n.d.	n.d.	n.d.	n.d.
106-1	Black plastic plug shell(video plug)	n.d.	n.d.	n.d.	n.d.	n.d.
106-2	Silvery metal plug shell(video plug)	n.d.	n.d.	n.d.	n.d.	N.A.
106-3	White glue(video plug)	n.d.	n.d.	n.d.	n.d.	n.d.
106-4	White plastic core(video plug)	n.d.	n.d.	n.d.	n.d.	d(^1)
106-5	Golden metal pin(video plug)	n.d.	n.d.	n.d.	n.d.	N.A.
106-6	Soldering tin(video plug)	n.d.	d(^1)	n.d.	n.d.	N.A.
107	Black metal shell Resubmitted on 2018-10-10	n.d.	d(^1)	n.d.	n.d.	N.A.
108	Black plastic shell(sun shield) Resubmitted on 2018-10-10	n.d.	n.d.	n.d.	n.d.	n.d.

Abbreviation:

Pb	denotes Lead
Cd	denotes Cadmium
Hg	denotes Mercury
Cr	denotes Chromium
Cr(VI)	denotes Chromium(VI)
Br	denotes Bromine
PBBs	denotes Total Polybrominated Biphenyls
PBDEs	denotes Total Polybrominated Diphenyl Ethers
<	denotes less than
N.A.	denotes Not Applicable
n.d.	denotes Not Detected
d	denotes Detected

Remark:

(^1) The screening result was found in the inconclusive region (X), thus the further wet chemistry tests are suggested.

(^2) The Chromium (VI) content in surface layer has been confirmed with reference to IEC 62321-7-1: 2015.

XRF Screening limits for different materials:

Materials	Concentration (mg/kg)				
	Cd	Cr	Pb	Hg	Br
Metallic material	$P \leq 60 < X \leq 140 < F$	$P \leq 640 < X$	$P \leq 670 < X \leq 1360 < F$	$P \leq 660 < X \leq 1340 < F$	NA
Polymeric material	$P \leq 60 < X \leq 140 < F$	$P \leq 640 < X$	$P \leq 670 < X \leq 1360 < F$	$P \leq 660 < X \leq 1340 < F$	$P \leq 290 < X$
Electronic material	$P \leq 40 < X \leq 160 < F$	$P \leq 440 < X$	$P \leq 470 < X \leq 1640 < F$	$P \leq 460 < X \leq 1540 < F$	$P \leq 240 < X$

2. Confirmation Test by Wet Chemistry

Test Method: Total Cadmium, Lead, Mercury, Chromium

-Ref. to IEC 62321-4: 2013+AMD1:2017 & IEC 62321-5: 2013

Chromium (VI)

- For Metal material - Ref. to IEC 62321-7-1: 2015

- For Plastic or Electronic material – Ref. to IEC 62321-7-2:2017

- For Leather material - Ref. to ISO 17075: 2007

PBBs, PBDEs – Ref. to IEC 62321-6: 2015

Testing Period: 2018-01-02 ~ 2018-01-17, 2018-10-10 ~2018-10-16

Material list:

Material No.	Material	Color	Test Plan
			A=Test HM only B=Test FR only C=Test HM+FR
3-2	metal	silvery	A
4	metal	silvery	A
5	metal	silvery	A
7	metal	silvery	A
8	metal	silvery	A
9	metal	silvery	A
10	metal	silvery	A
11	metal	silvery	A
12	metal	silvery	A
13	plastic	white	B
14	metal	silvery	A
15	metal	silvery	A
18-2	plastic	black	B
19-1	plastic	pink	B
20	plastic	green	B
24-1	plastic	beige	B
26	metal	silvery	A
27-2	metal	silvery	A
28	metal	silvery	A
29	metal	silvery	A
30	metal	silvery	A
35	metal	silvery	A

Material No.	Material	Color	Test Plan
			A=Test HM only B=Test FR only C=Test HM+FR
38-2	metal	silvery	A
40	metal	silvery	A
43-3	solder	silvery	A
45-1	solder	silvery	A
45-3	PCB	black	B
53-1	plastic	beige	B
63	metal	silvery	A
64-1	PCB	green	B
64-3	solder	silvery	A
65-2	metal	silvery	A
67	metal	silvery	A
76	metal	silvery	A
78	metal	black	A
83-4	plastic	white	B
84-1	metal	silvery	A
84-2	metal	golden	A
85	metal(copper)	golden	A
86-1	metal	silvery	A
87	metal	silvery	A
92	metal	silvery	A
94	metal	black	A
96-2	solder	silvery	A
103	metal	silvery	A
106-4	plastic	white	B
106-6	metal	silvery	A
107	metal	black	A

Abbreviation: HM (Heavy metal) = Cd, Pb, Hg, Cr (VI)
 FR (Flame Retardant) = PBBs, PBDEs

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Test result:

	Cd	Pb	Cr (VI)	Hg	PBBs	PBDEs
Maximum Permissible Limit (%)	0.01	0.1	0.1	0.1	0.1	0.1

Material No.	Results (%)					
	Cd	Pb	Cr ^{VI}	Hg	PBBs(*)	PBDEs(*)
	RL (%)					
	0.001	0.001	0.001	0.001	0.001	0.001
3-2	N.A.	0.0168	N.A.	N.A.	N.A.	N.A.
13	N.A.	N.A.	N.A.	N.A.	N.D.	N.D.
18-2	N.A.	N.A.	N.A.	N.A.	N.D.	N.D.
19-1	N.A.	N.A.	N.A.	N.A.	N.D.	N.D.
20	N.A.	N.A.	N.A.	N.A.	N.D.	N.D.
24-1	N.A.	N.A.	N.A.	N.A.	N.D.	N.D.
26	N.A.	0.0310	N.A.	N.A.	N.A.	N.A.
27-2	N.A.	0.0148	N.A.	N.A.	N.A.	N.A.
38-2	N.A.	0.0236	N.A.	N.A.	N.A.	N.A.
43-3	N.A.	0.0110	N.A.	N.A.	N.A.	N.A.
45-1	N.A.	0.0076	N.A.	N.A.	N.A.	N.A.
45-3	N.A.	N.A.	N.A.	N.A.	N.D.	N.D.
53-1	N.A.	N.A.	N.A.	N.A.	N.D.	N.D.
64-1	N.A.	N.A.	N.A.	N.A.	N.D.	N.D.
64-3	N.A.	0.0125	N.A.	N.A.	N.A.	N.A.
83-4	N.A.	N.A.	N.A.	N.A.	N.D.	N.D.
85	N.A.	2.6408 ^[6(c)]	N.A.	N.A.	N.A.	N.A.
96-2	N.A.	0.0105	N.A.	N.A.	N.A.	N.A.
106-4	N.A.	N.A.	N.A.	N.A.	N.D.	N.D.
106-6	N.A.	0.0296	N.A.	N.A.	N.A.	N.A.
107	N.A.	0.0157	N.A.	N.A.	N.A.	N.A.

Material no.	Hexavalent Chromium Content ($\mu\text{g}/\text{cm}^2$) ^(*)
	RL: 0.10 $\mu\text{g}/\text{cm}^2$
4	Negative
5	Negative
7	Negative
8	Negative
9	Negative
10	Negative
11	Negative
12	Negative
14	Negative
15	Negative
28	Negative
29	Negative
30	Negative
35	Negative
40	Negative
63	Negative
65-2	Negative
67	Negative
76	Negative
78	Negative
84-1	Negative
84-2	Negative
86-1	Negative
87	Negative
92	Negative
94	Negative
103	Negative

Abbreviation:

Pb	denotes Lead
Cd	denotes Cadmium
Hg	denotes Mercury
Cr	denotes Chromium
Cr(VI)	denotes Chromium(VI)
PBBs	denotes Total Polybrominated Biphenyls
PBDEs	denotes Total Polybrominated Diphenyl Ethers
N.D.	denotes Not Detected
MDL	denotes Method Detection Limit
N.A.	denotes Not Applicable
^	The total Chromium have been determined
%	denotes percentage

Remark:

1. Component(s)/ materials(s) with an area of less than 2mm x 2mm will not be selected for testing according to RoHS Directive 2011/65/EU due to technical reason.
2. For the test sample does not have detail materials information provided by client, visually identical materials (e.g. wire insulation, solder points, etc.) will be considered as the same material.
3. Solder points on a printing circuit board will be examined several times based on optical anomalies or discoloration of the solder point(s) unless the solder point(s) is obviously generated automatically during production.
4. All other materials will be sampled and tested at one test point representatively.

(*1) The total chromium content in Metal sample was found to be exceeded the maximum permissible limit (0.1%). Thus, the Chromium (VI) content in surface layer have been confirmed with reference to IEC 62321-7-1: 2015 Annex.

	Chromium (VI) concentration	Qualitative result
Negative	$<0.1\mu\text{g}/\text{cm}^2$	The sample is negative for Cr(VI). –The Cr(VI) concentration is below the limit of quantification. The coating is considered a non Cr(VI) based coating.
Inconclusive	$\geq 0.1\mu\text{g}/\text{cm}^2$ and $\leq 0.13\mu\text{g}/\text{cm}^2$	The result is considered to be inconclusive. –Unavoidable coating variations may influence the determination. Recommendation: if additional samples are available, perform a total of 3 trials to increase sampling surface area. Use the averaged result of the 3 trials for the final determination.
Positive	$>0.13\mu\text{g}/\text{cm}^2$	The sample is positive for Cr(VI). –The Cr(VI) concentration is above the limit of quantification and the statistical margin of error. The sample coating is considered to contain Cr(VI).

(*2) The total chromium content in plastic sample or electronic sample was found to be exceeded the maximum permissible limit (0.1%). Thus, the Chromium (VI) content have been confirmed with reference to IEC 62321-7-2: 2017.

(*3) The total chromium content in leather sample was found to be exceeded the maximum permissible limit (0.1%). Thus, the Chromium (VI) content have been confirmed with reference to ISO 17075: 2007.

(*4) The result was found to be more than the maximum permissible limit.

(*5) The plating / coating of all the metal sample(s) is not confirmed, it cannot be further mechanically disjointed into different materials.

(*6) For this mixed sample, the result was found to be more than the maximum permissible limit. It's recommended that individual sample should be tested separately.

(*7) Due to the lack of samples the client submitted, the reporting limit is scaled up to 0.005/0.01/0.05/0.1%.

(*) The method detection limit for each individual PBBs and individual PBDEs are:

Reporting Limit (%)		
PBBs	Monbromobiphenyl	0.0001
	Dibromobiphenyl	0.0001
	Tribromobiphenyl	0.0001
	Tetrabromobiphenyl	0.0001
	Pentabromobiphenyl	0.0002
	Hexabromobiphenyl	0.0002
	Heptabromobiphenyl	0.0002
	Octabromobiphenyl	0.0005
	Nonabromobiphenyl	0.0005
	Decabromobiphenyl	0.0005
PBDEs	Monbromodiphenyl ether	0.0001
	Dibromodiphenyl ether	0.0001
	Tribromodiphenyl ether	0.0001
	Tetrabromodiphenyl ether	0.0001
	Pentabromodiphenyl ether	0.0002
	Hexabromodiphenyl ether	0.0002
	Heptabromodiphenyl ether	0.0002
	Octabromodiphenyl ether	0.0005
	Nonabromodiphenyl ether	0.0005
	Decabromodiphenyl ether	0.0005

6(c) Copper alloy containing up to 4 % lead by weight.

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3. BBP, DBP, DEHP, DIBP content

Test method: Organic solvent extraction, analyzed by GCMS (Ref. to DIN EN 62321-8: 2014 (IEC 111/321/CD: 2013))

Testing Period: 2018-01-02 ~ 2018-01-17, 2018-10-10 ~2018-10-16

Test result:

	BBP	DBP	DEHP	DIBP
Maximum permissible Limit (%)	0.1	0.1	0.1	0.1

Test No.	Material No.	Results (%)			
		BBP	DBP	DEHP	DIBP
		RL (%)			
		0.005	0.005	0.005	0.005
T001	2+6+16	n.d.	n.d.	n.d.	n.d.
T002	33+42+56-5	n.d.	n.d.	n.d.	n.d.
T003	65-1+68-1	n.d.	n.d.	n.d.	n.d.
T004	68-2+68-3	n.d.	n.d.	n.d.	n.d.
T005	3-1+25+27-1	n.d.	n.d.	n.d.	n.d.
T006	31-1+37+39	n.d.	n.d.	n.d.	n.d.
T007	56-3+59-4+70-1	n.d.	n.d.	n.d.	n.d.
T008	72-2+72-3+75-2	n.d.	n.d.	n.d.	n.d.
T009	96-1+104-1	n.d.	n.d.	n.d.	n.d.
T010	105+106-3	n.d.	n.d.	n.d.	n.d.
T011	18-2+19-1+22	n.d.	n.d.	n.d.	n.d.
T012	50-1+50-2+56-1	n.d.	n.d.	n.d.	n.d.
T013	58-1+58-3+60-2	n.d.	n.d.	n.d.	n.d.
T014	65-3+88+17-1	n.d.	n.d.	n.d.	n.d.
T015	34+71+74	n.d.	n.d.	n.d.	n.d.
T016	80-1+80-2+80-3	n.d.	n.d.	n.d.	n.d.
T017	81-1+82-2+104-3	n.d.	n.d.	n.d.	n.d.
T018	106-1+106-4	n.d.	n.d.	n.d.	n.d.
T019	83-1+83-2+95-2	n.d.	n.d.	n.d.	n.d.
T020	98-1+98-2+98-3	n.d.	n.d.	n.d.	n.d.
T021	98-4+98-5+98-6	n.d.	n.d.	n.d.	n.d.
T022	98-7+98-8+100-1	n.d.	n.d.	n.d.	n.d.
T023	100-2+100-3+100-4	n.d.	n.d.	n.d.	n.d.
T024	100-5+100-6	n.d.	n.d.	n.d.	n.d.
T025	100-7+100-8	n.d.	n.d.	n.d.	n.d.
T026	95-1+97	n.d.	n.d.	n.d.	n.d.
T027	99+101	n.d.	n.d.	n.d.	n.d.
T028	1+13+31-2	n.d.	n.d.	n.d.	n.d.
T029	115-1+130-1	n.d.	n.d.	n.d.	n.d.

Test No.	Material No.	Results (%)			
		BBP	DBP	DEHP	DIBP
		RL (%)			
		0.005	0.005	0.005	0.005
T030	36+41	n.d.	n.d.	n.d.	n.d.
T031	72-1+73+90	n.d.	n.d.	n.d.	n.d.
T032	93+102	n.d.	n.d.	n.d.	n.d.
T033	43-1+64-1	n.d.	n.d.	n.d.	n.d.
T034	24-1+48-1+48-2	n.d.	n.d.	n.d.	n.d.
T035	51-1+51-2	n.d.	n.d.	n.d.	n.d.
T036	83-4+53-1	n.d.	n.d.	n.d.	n.d.
T037	108	n.d.	n.d.	n.d.	n.d.

Abbreviation: BBP= Benzylbutyl phthalate
 DBP= Dibutyl phthalate
 DEHP= Bis(2-ethylhexyl) phthalate
 DIBP= Diisobutyl phthalate
 n.d.= Not Detected (< Reporting Limit)
 RL = Reporting Limit
 N.A. = Not Applicable
 %= percentage

Remark :

- (*1) The result was found to be more than the maximum permissible limit.
 (*2) For this mixed sample, the result was found to be more than the permissible limit. It's recommended that individual sample should be tested separately.

Test Report No.:

1160042939a 003

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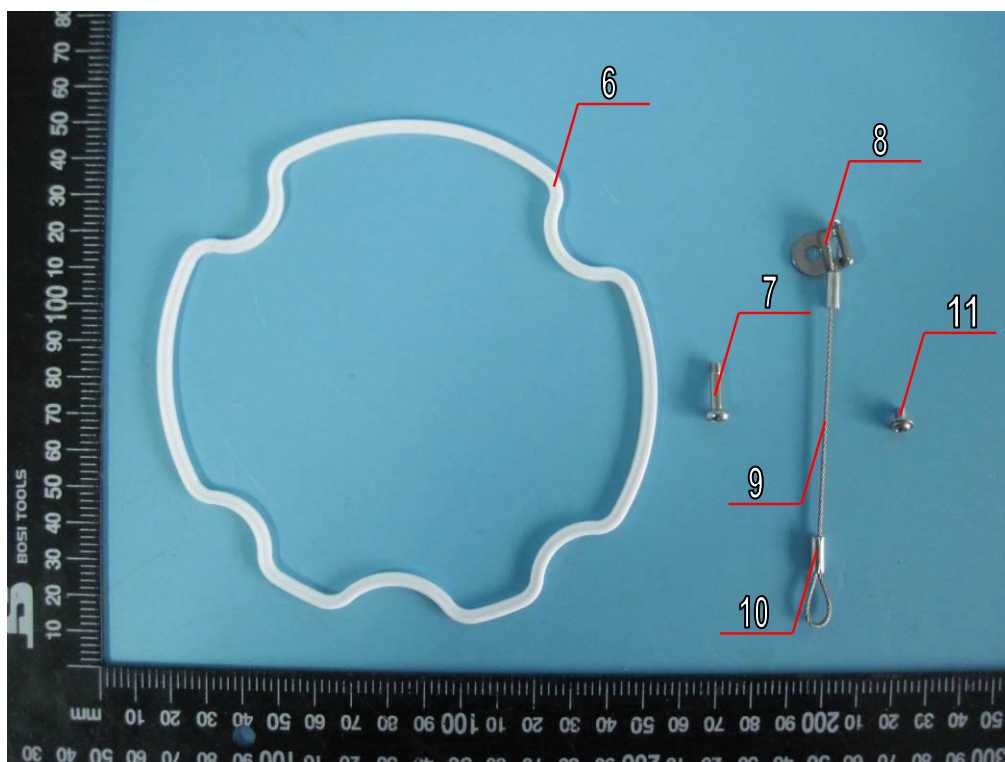
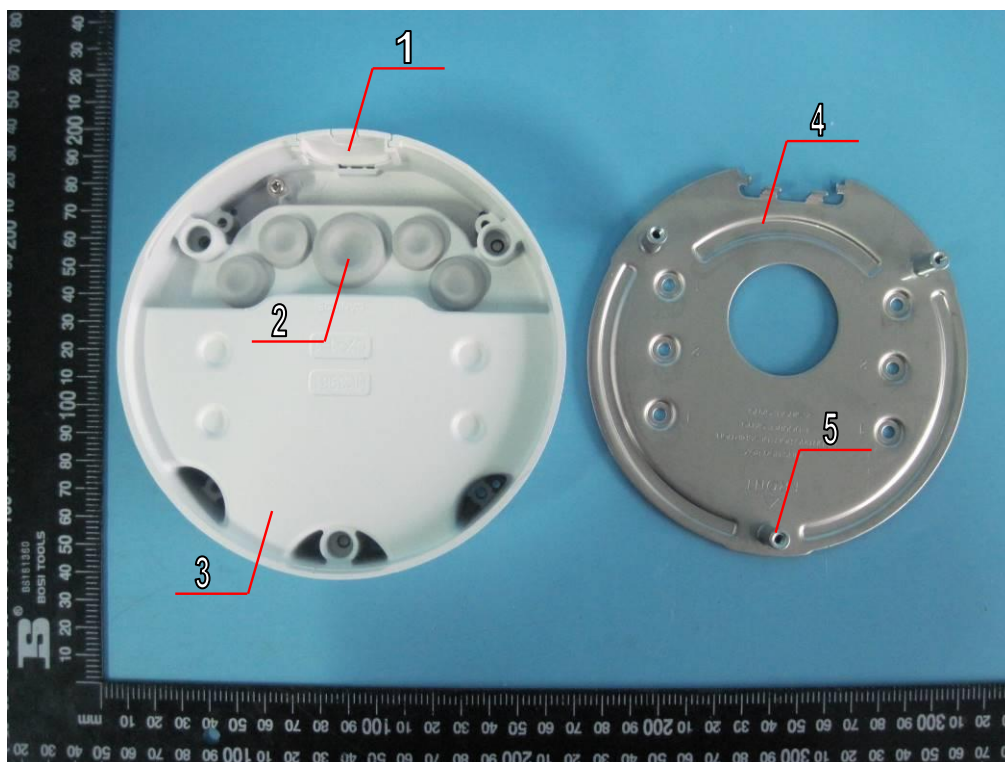
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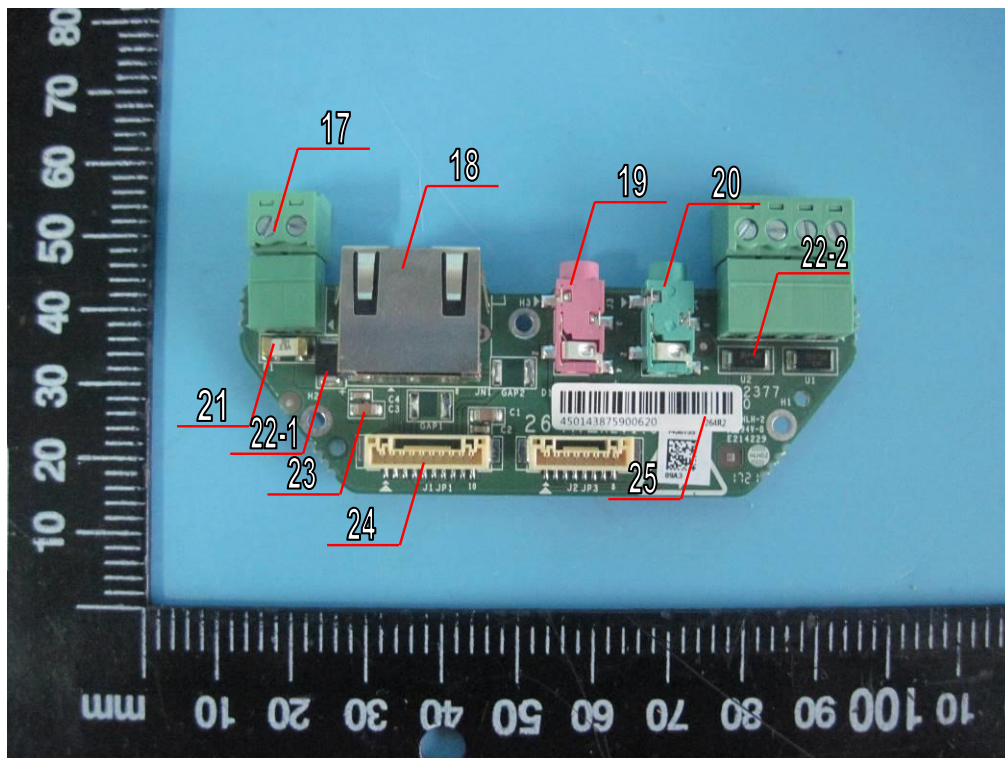
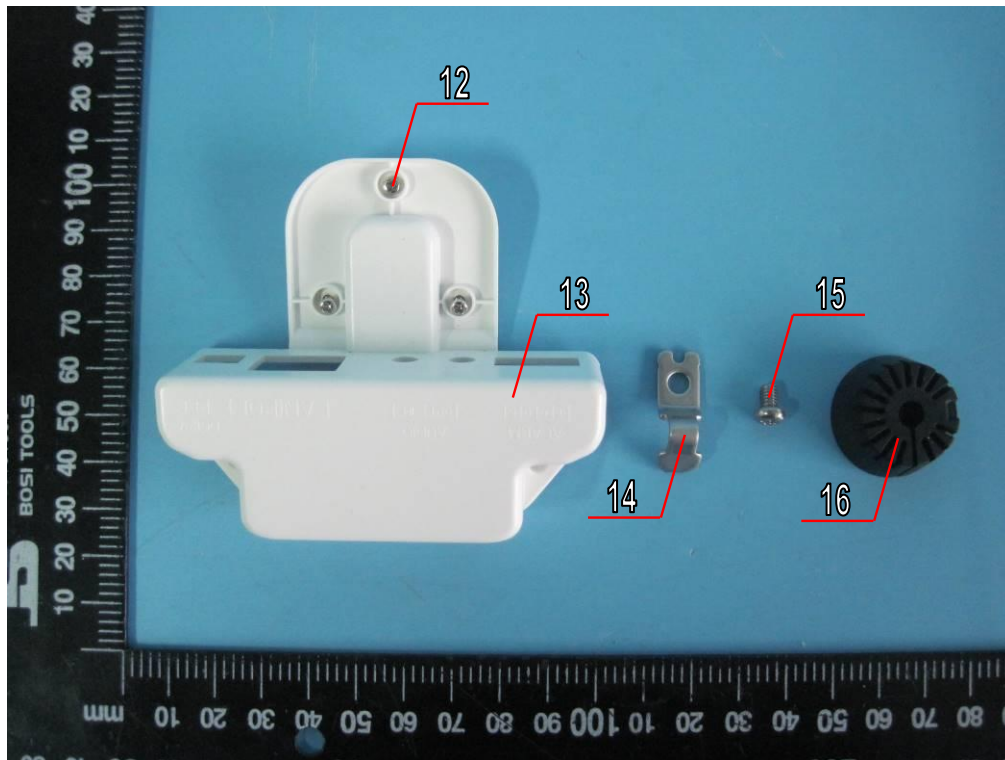


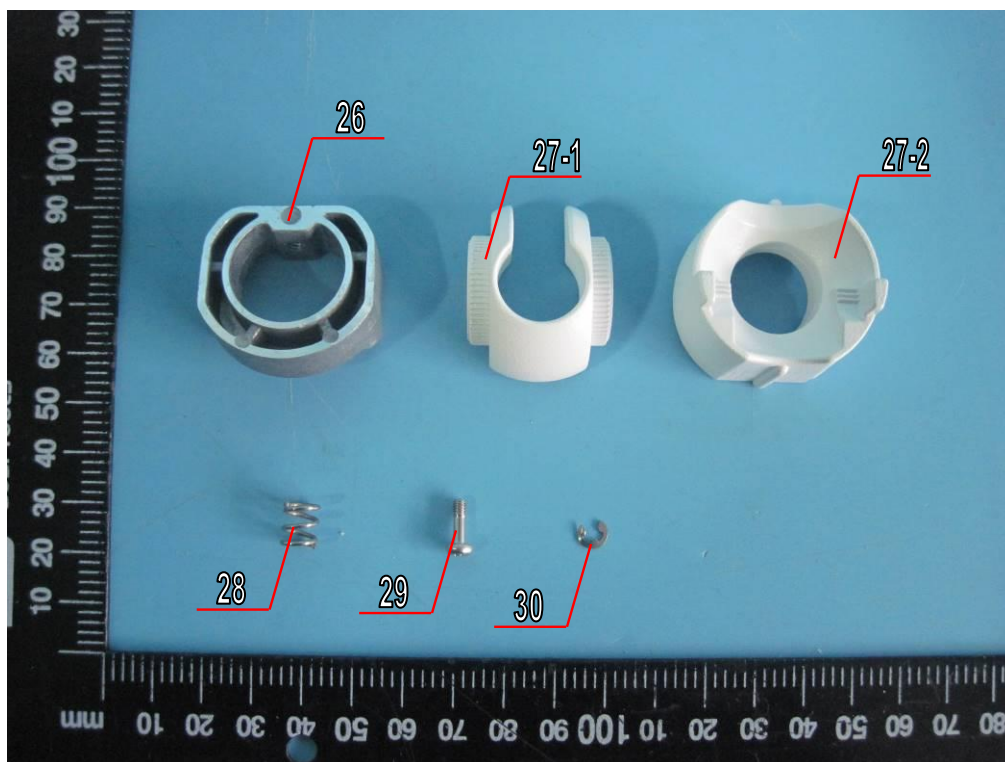
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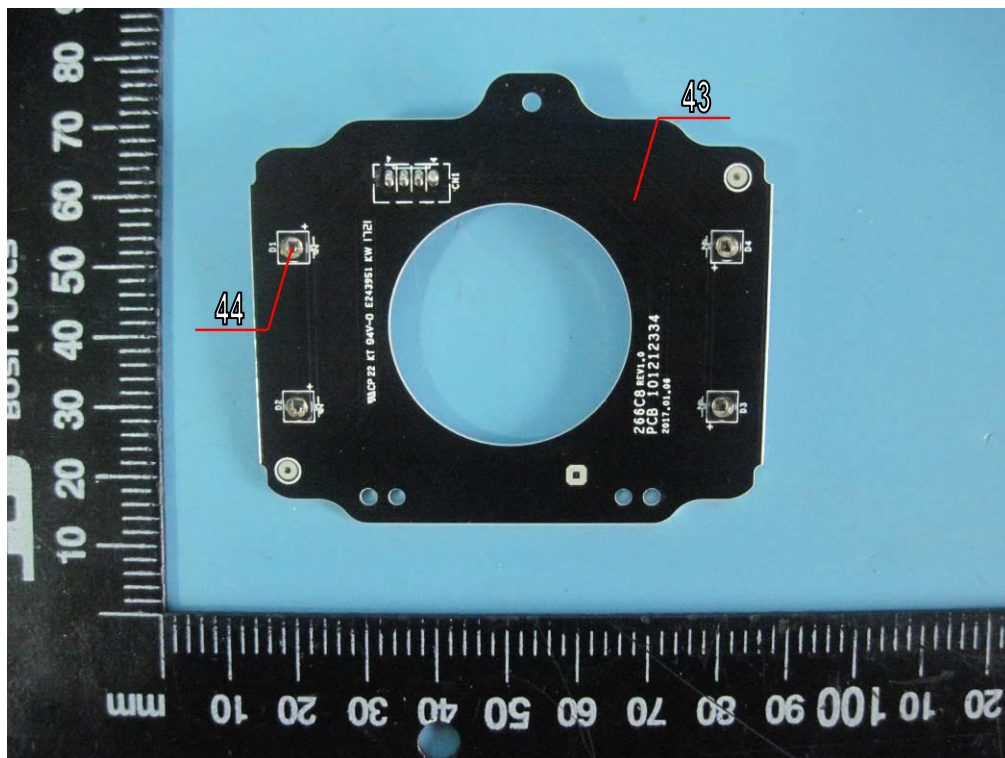


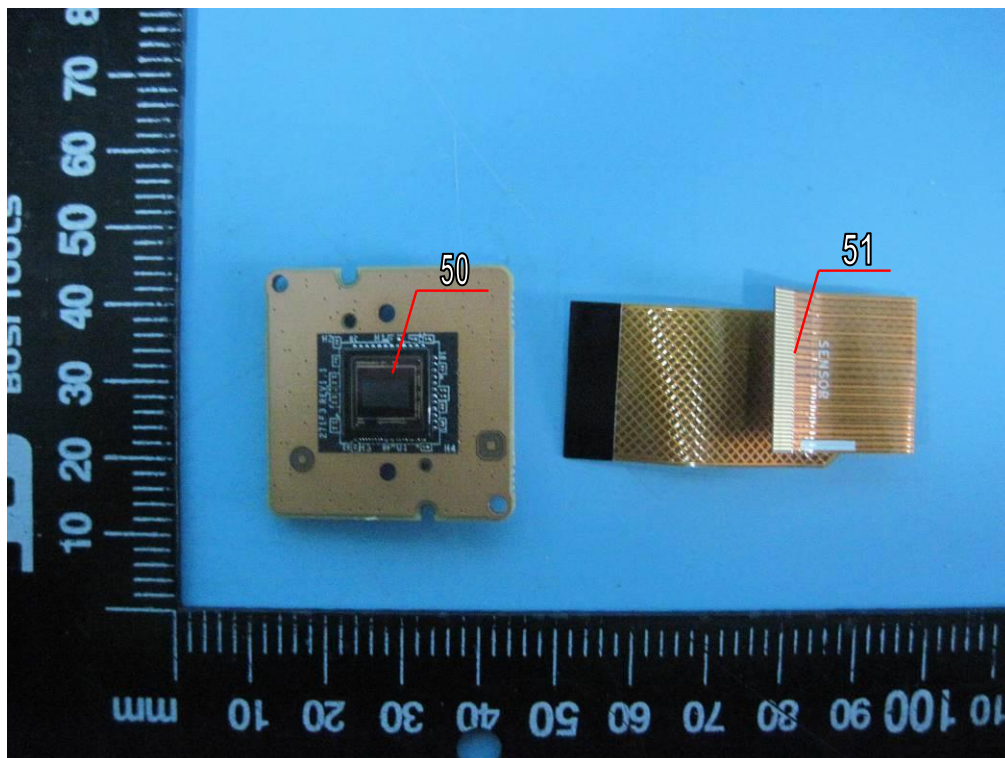
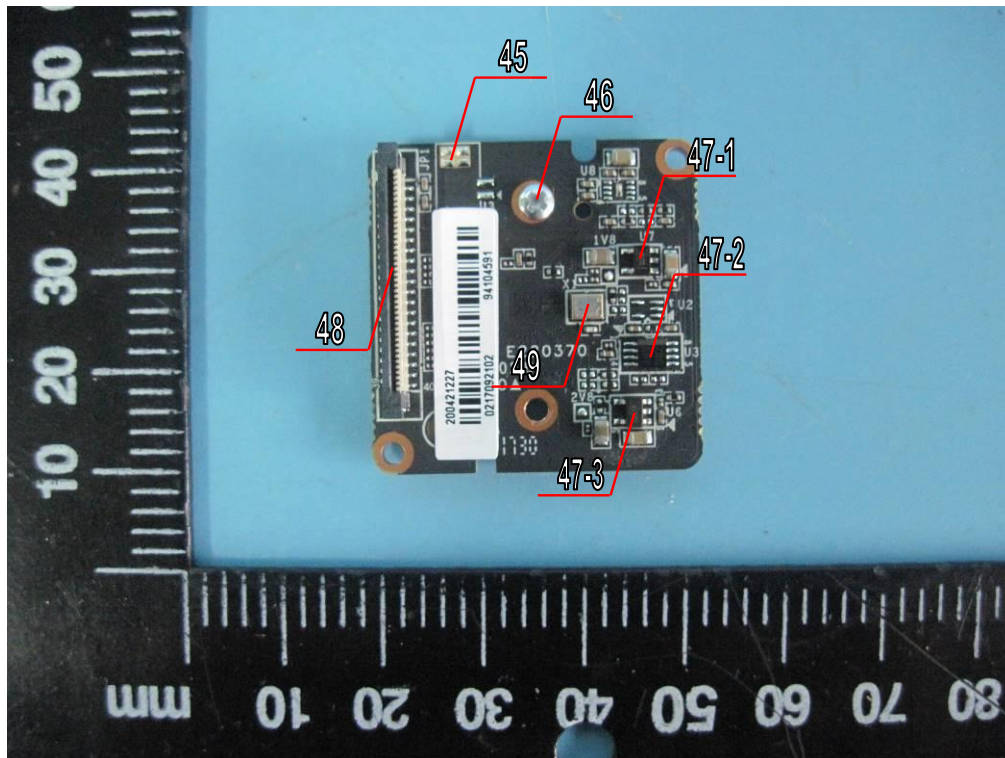
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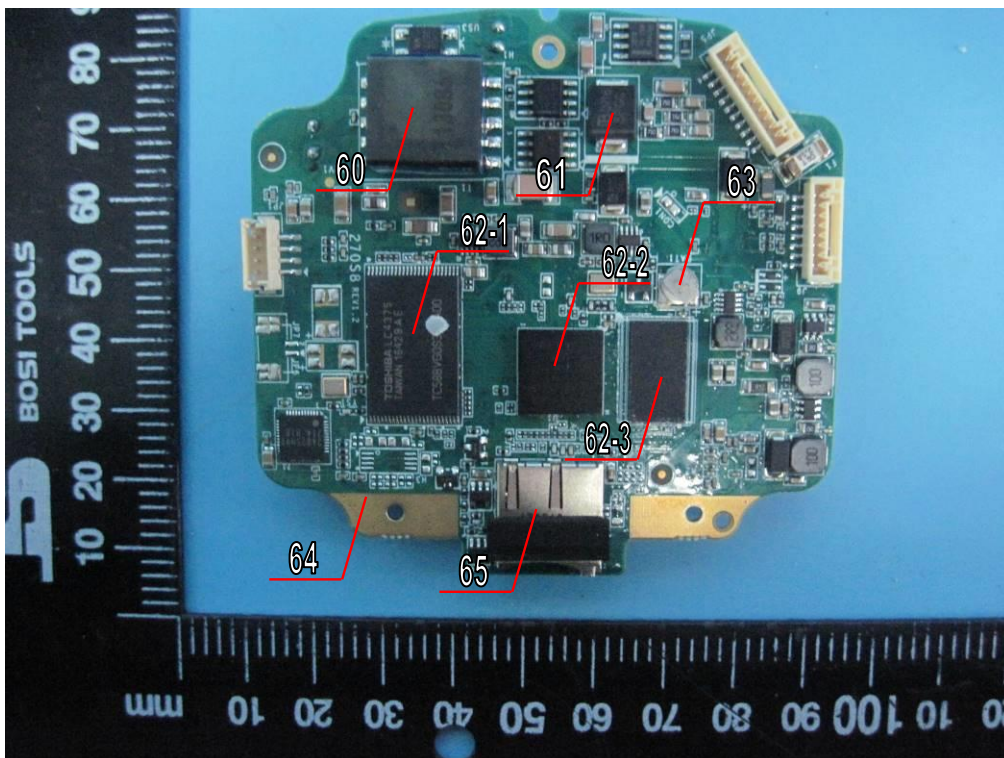
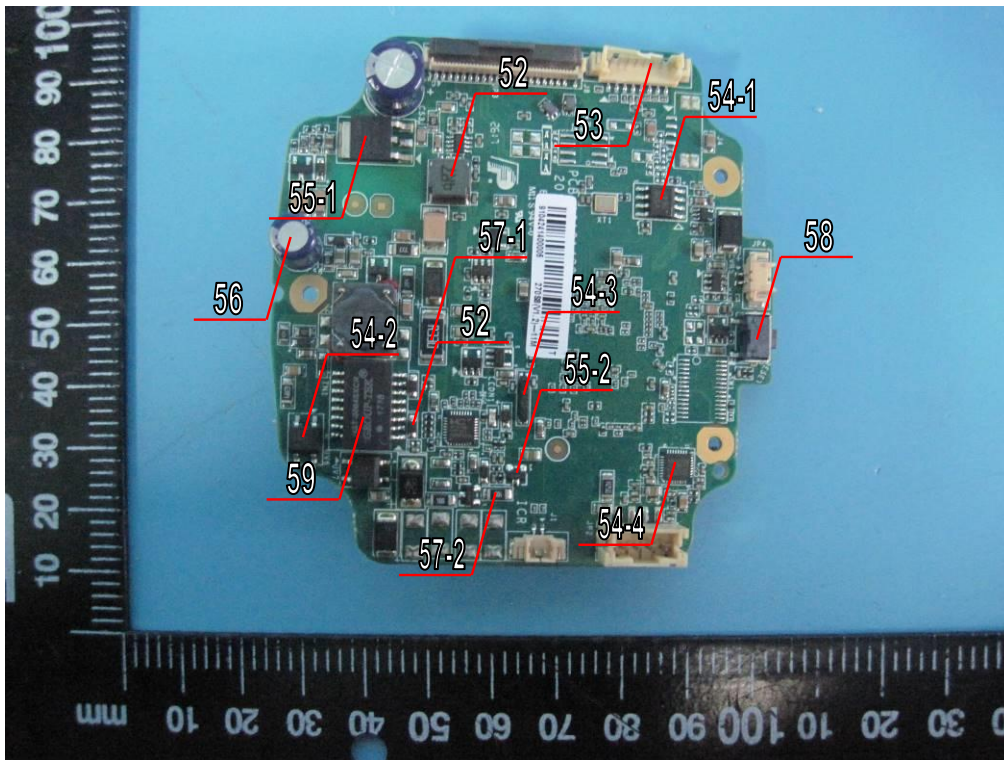


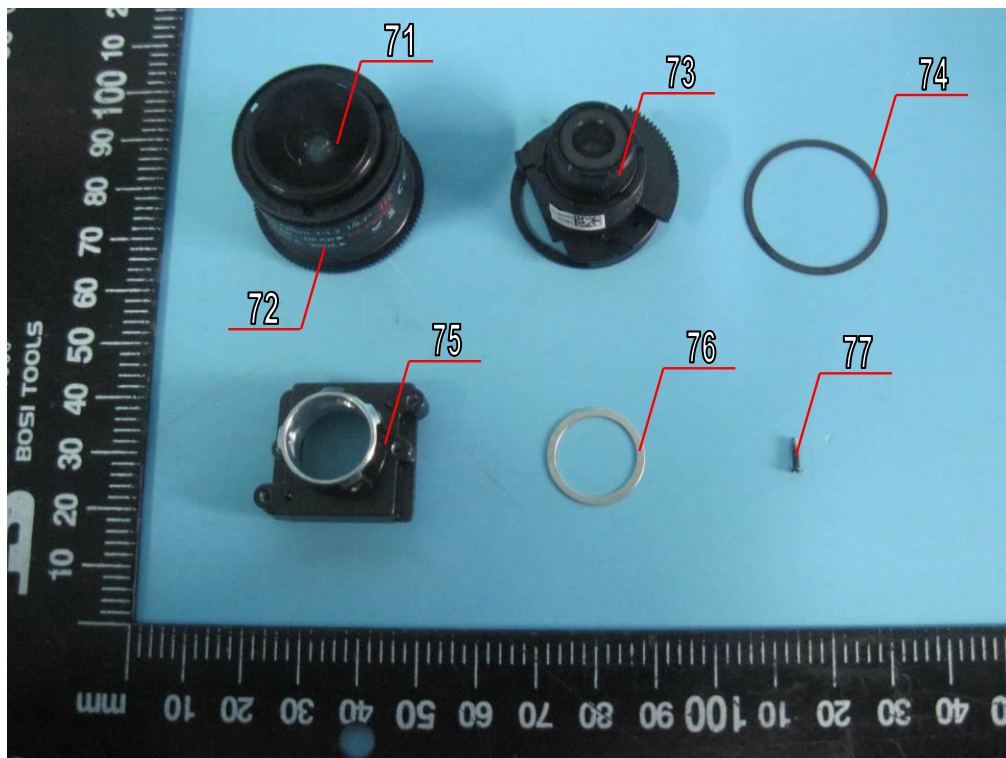
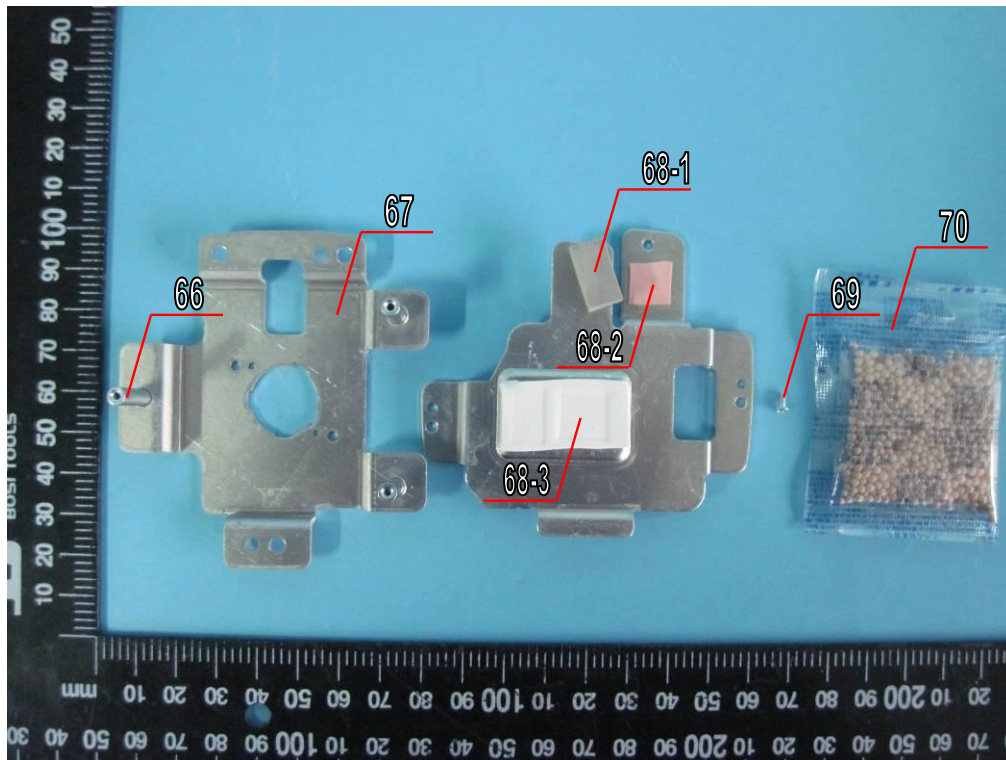


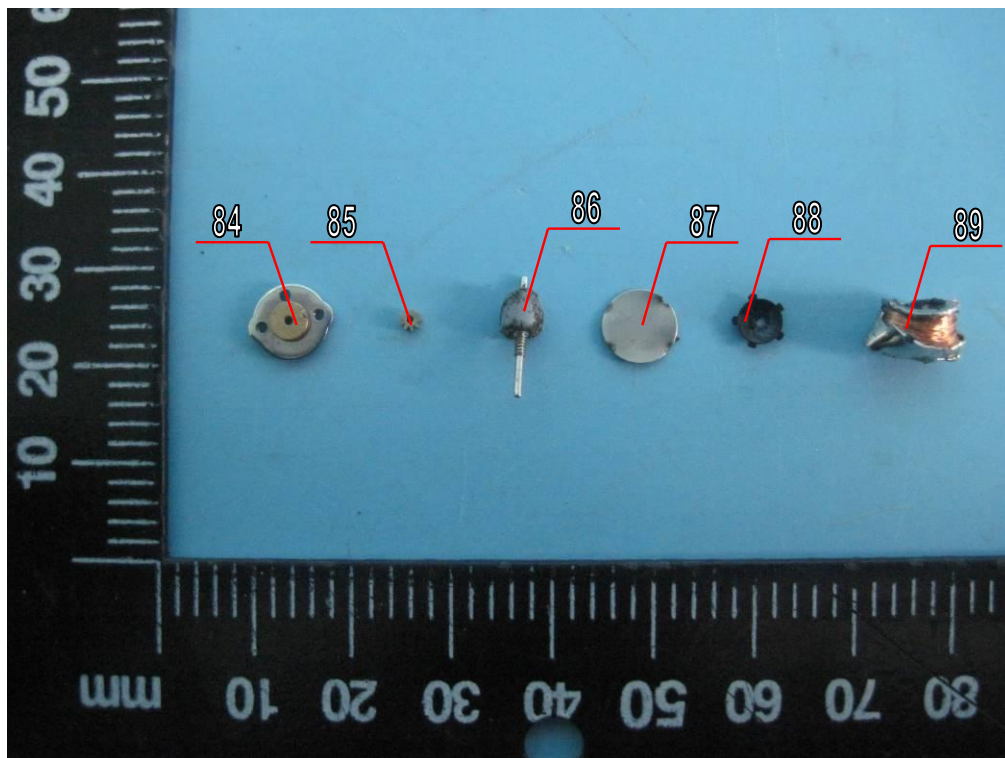
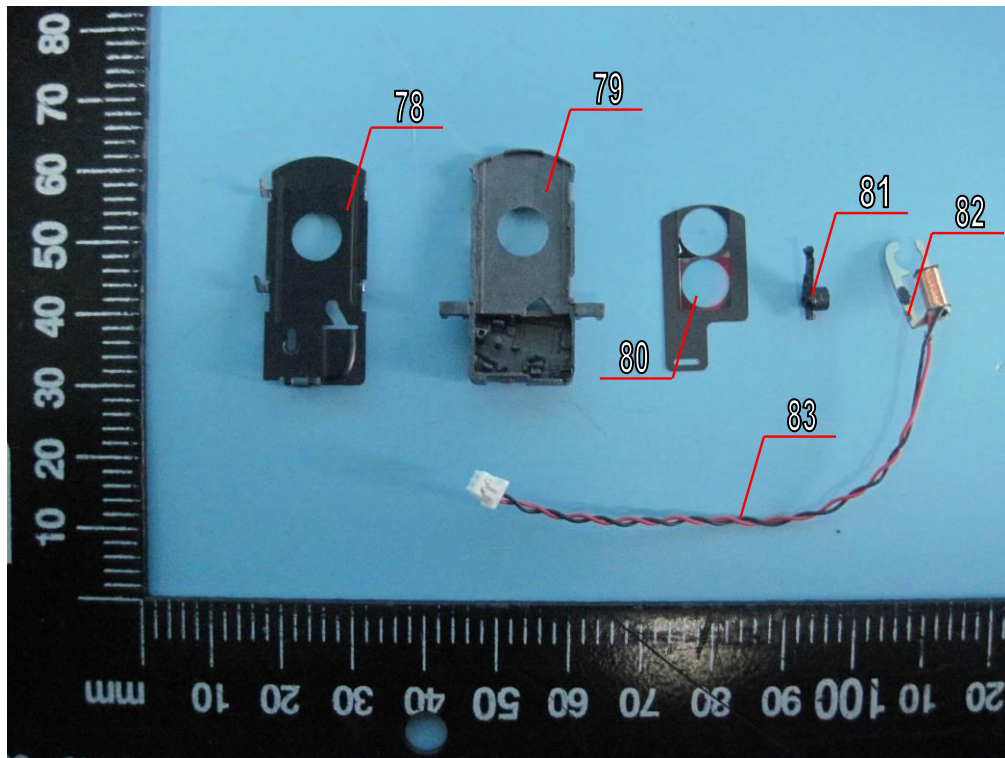


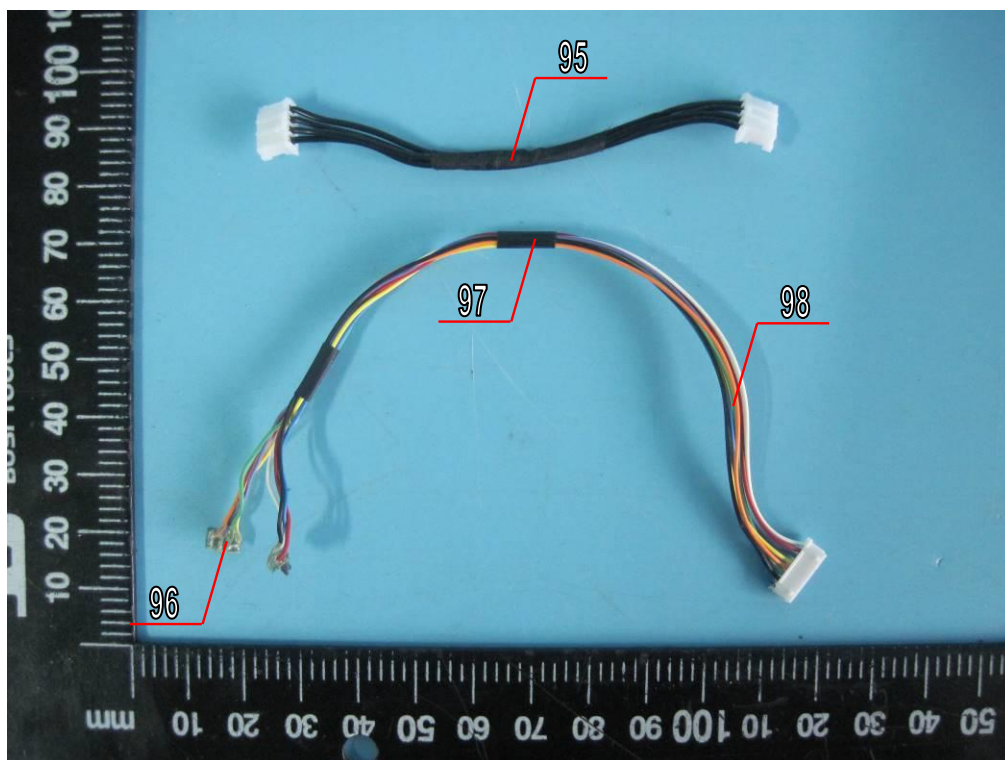
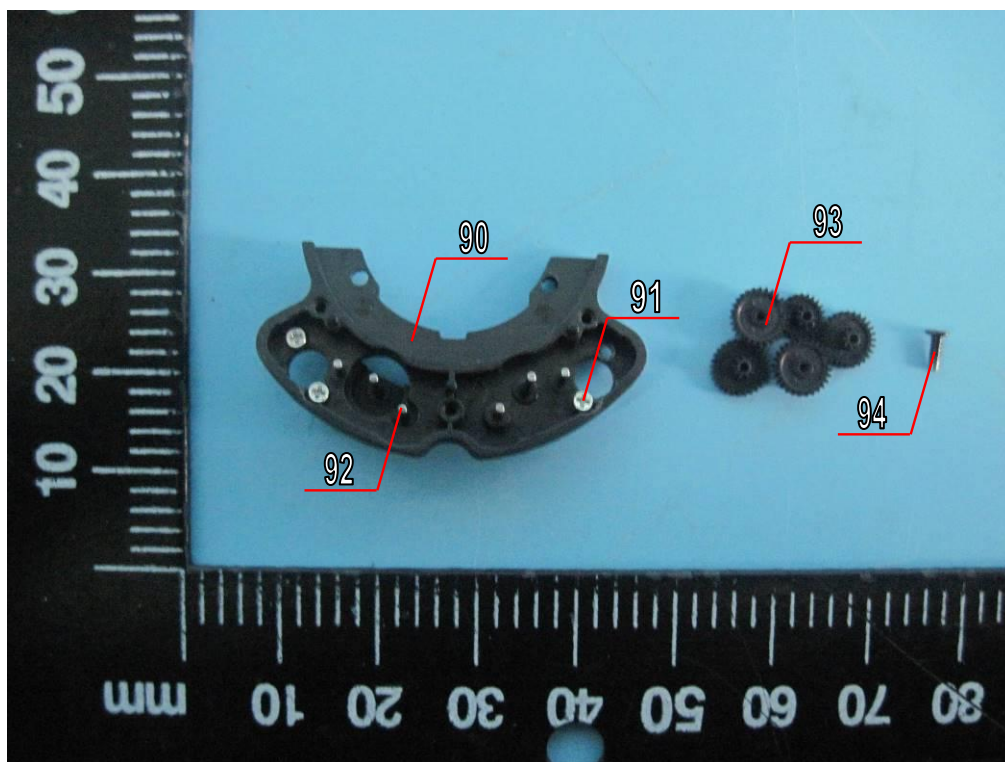


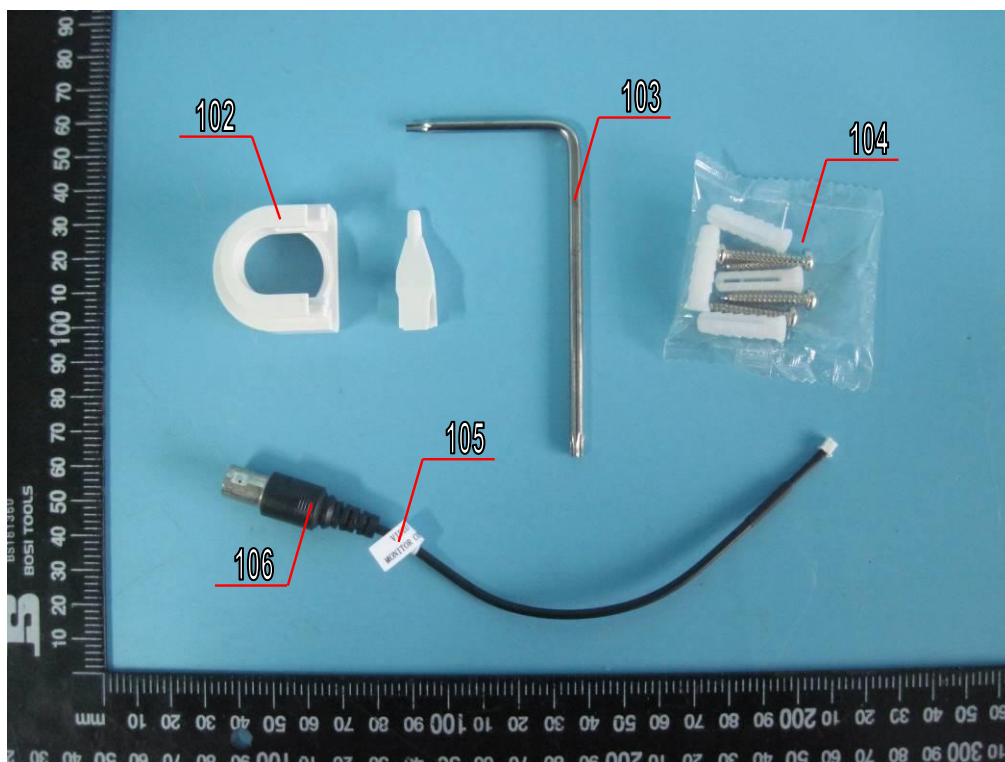
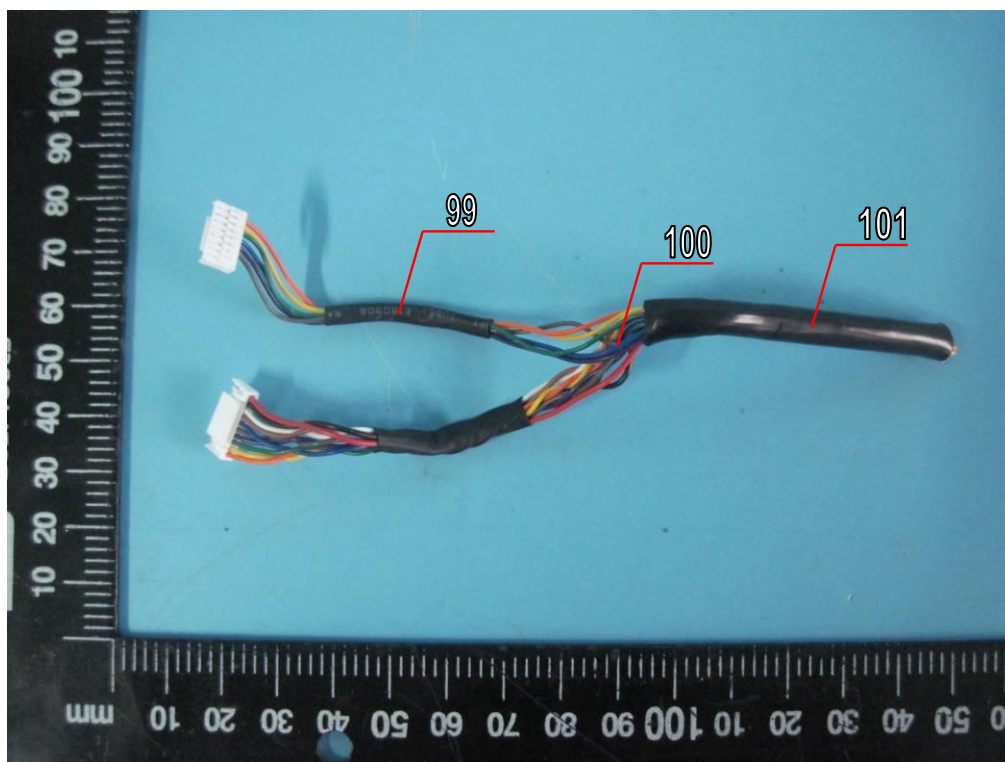












The following sample(s) was resubmitted on 2018-10-10



*****End of Report*****