REPORT No.: SZ26060275R01

TEST REPORT

Applicant	:	Orbbec Inc.
Product Name	:	Gemini 338Le, Gemini 332Le
Model Name	:	G40055-350, G45055-350
Brand Name	:	ORBBEC
Test Request	:	With reference to RoHS Directive (EU) 2015/863 amending 2011/65/EU.
Receipt Date	:	2026-06-15
Test Date	:	2026-06-15 to 2026-06-26
Issue Date	:	2026-06-29
Conclusion	:	Based on the performed tests on submitted sample(s), the results of Lead, Mercury, Cadmium, Hexavalent chromium, Polybrominated biphenyls (PBBs), Polybrominated diphenyl ethers (PBDEs) and Phthalates such as Bis(2-ethylhexyl) phthalate (DEHP), Dibutyl phthalate (DBP), Butyl benzyl phthalate (BBP), Diisobutyl phthalate (DIBP) comply with the limits as set by RoHS Directive (EU) 2015/863 amending Annex II to Directive 2011/65/EU.

Edited by: Deng Baijian

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1. Applicant Information

Applicant	:	Orbbec Inc.
Applicant Address	:	Orbbec Technology Building, No.88 High-tech North 1st Road, Nanshan District, Shenzhen, China
Manufacturer	:	Orbbec Inc.
Manufacturer Address	:	Orbbec Technology Building, No.88 High-tech North 1st Road, Nanshan District, Shenzhen, China

2. Test Methods

(1) There are the results on total Br while test items on restricted substances are PBBs and PBDEs. There are the results on total Cr while test items on restricted substances Cr(VI).

(2) 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	Polymers	Metals	Composite Materials
Cd	P≤(70-3σ)<D<(130+3σ)≤F	P≤(70-3σ)<D<(130+3σ)≤F	P≤(50-3σ)<D<(150+3σ)≤F
Pb	P≤(700-3σ)<D<(1300+3σ)≤F	P≤(700-3σ)<D<(1300+3σ)≤F)	P≤(500-3σ)<D<(1500+3σ)≤F
Hg	P≤(700-3σ)<D<(1300+3σ)≤F	P≤(700-3σ)<D<(1300+3σ≤F	P≤(500-3σ)<D<(1500+3σ)≤F
Br	P ≤ (300-3σ) < D	Not Applicable	P ≤ (250-3σ) < D
Cr	P ≤ (700-3σ) < D	P ≤ (700-3σ) < D	P ≤ (500-3σ) < D

(a) P = Below Limit, F = Over Limit, D = Inconclusive.

(b) The EDXRF screening test for RoHS elements – The reading may be different to actual content in the sample be of non-uniformity composition.

(3) Chemical Test

Unit and MDL in wet chemical test.

Test Items	Methods	Apparatus	MDL
Hg	IEC 62321-4:2013+AMD1:2017	ICP-OES	10 mg/kg
Cd & Pb	IEC 62321-5:2013	AAS or ICP-OES	10 mg/kg
Cr(VI)	IEC 62321-7-2:2017 (For Polymer and Electronics)	UV-VIS	10 mg/kg
	IEC 62321-7-1:2015▲ (For Plating on Metals)		0.10 ug/cm^2
PBBs	IEC 62321-6:2015	GC-MS	100 mg/kg
PBDEs	IEC 62321-6:2015	GC-MS	100 mg/kg
DEHP	IEC 62321-8:2017	GC-MS	100 mg/kg
BBP	IEC 62321-8:2017	GC-MS	100 mg/kg
DBP	IEC 62321-8:2017	GC-MS	100 mg/kg
DIBP	IEC 62321-8:2017	GC-MS	100 mg/kg

(a) The MDL for single compound of PBBs and PBDEs is 100 mg/kg.

(b) MDL of Cr(VI) for polymer and composite sample is 10 mg/kg.

© MDL of Cr(VI) for metal sample is 0.10 ug/cm^2.

(d) 1 mg/kg = 0.0001%, MDL = Method Detection Limit, ND = Not Detected (< MDL), "---" = Not Applicable.

(e)▲ = a. The sample is negative for Cr(VI) if the Cr(VI) is ND (concentration less than 0.10 ug/cm^2). The coating is considered a non- Cr(VI) based coating.

b. The sample is positive for Cr(VI) if the Cr(VI) concentration is greater than 0.13 ug/cm^2. The sample coating is considered to contain Cr(VI).

c. The result between 0.10 ug/cm^2 and 0.13 ug/cm^2 is considered to be inconclusive unavoidable coating variations may influence the determination.

(4) Restricted substances and maximum concentration values tolerated by weight in homogeneous materials under RoHS Directive: Cd: 0.01%, Pb/Hg/Cr(VI)/PBBs/PBDEs/DEHP/DBP/BBP/DIBP: 0.1%. The limit is quoted from RoHS Directive (EU) 2015/863.

(5) When the test result is a critical value, we will use the measurement uncertainty give the judgment result based on the 95% Confidence intervals.

3. Test Part Description

Part No.	Sample No.	Sample Description	Sample Material
A	A-1	Black Plastic Label	Polymer
A	A-2	Black Metal Shell	Metal
A	A-3	Gray Metal	Metal
A	A-4	Black Metal Screw	Metal
A	A-5	Silvery Metal Screw	Metal
A	A-6	Silvery Metal Sheet	Metal
A	A-7	Gray Conductive Cloth	Composite
A	A-8	Black Adhesive Sticker	Composite
A	A-9	Black Soft Plastic	Polymer
A	A-10	Gray Conductive Cloth	Composite
A	A-11	Black FPC	Composite
A	A-12	Black FPC	Composite
A	A-13	Silvery Metal Sheet	Metal
A	A-14	Black Plastic	Polymer
A	A-15	Black Soft Plastic	Polymer
A	A-16	Silvery Metal	Metal
A	A-17	Black Soft Plastic Ring	Polymer
A	A-18	Silvery Metal Nut	Metal
A	A-19	Transparent Gel	Composite
A	A-20	Black Glue	Composite
A	A-21	Silvery Metal	Metal
A	A-22	Black Plastic	Polymer
A	A-23	Golden Metal Pin	Metal
A	A-24	Black Plastic	Polymer
A	A-25	Black Ceramic	Composite
A	A-26	Yellow Adhesive Sticker	Composite
A	A-27	Black Wire Jacket	Polymer
A	A-28	Red Plastic Wire Jacket	Polymer
A	A-29	Black Plastic Wire Jacket	Polymer
A	A-30	Red Plastic Wire Jacket	Polymer
A	A-31	Yellow Plastic Wire Jacket	Polymer
A	A-32	Black Plastic Wire Jacket	Polymer
A	A-33	White Plastic Wire Jacket	Polymer
A	A-34	Blue Plastic Wire Jacket	Polymer
A	A-35	Green Plastic Wire Jacket	Polymer
A	A-36	Silvery Metal Core	Metal

Part No.	Sample No.	Sample Description	Sample Material
A	A-37	Silvery Metal	Metal
A	A-38	White Plastic	Polymer
A	A-39	Black Insulating Tape	Composite
A	A-40	Pink Heat Conduction Silicone Grease	Composite
A	A-41	Pink Heat Conduction Silicone Grease	Composite
A	A-42	Silvery Metal Shielding Case	Metal
A	A-43	Blue PCB	Composite
A	A-44	Silvery Solder	Metal
A	A-45	Silvery Metal	Metal
A	A-46	Silvery Metal Washer	Metal
A	A-47	Silvery Metal	Metal
A	A-48	Black Plastic	Polymer
A	A-49	Golden Metal Pin	Metal
A	A-50	Silvery Metal	Metal
A	A-51	Beige Plastic	Polymer
A	A-52	Silvery Metal Pin	Metal
A	A-53	Black Plastic Base	Polymer
A	A-54	Silvery Metal Shell	Metal
A	A-55	Black Soft Plastic	Polymer
A	A-56	Black Electrolyte	Composite
A	A-57	Silvery Metal Pin	Metal
A	A-58	Yellow Tape	Composite
A	A-59	Black Ceramic	Composite
A	A-60	Red Metal Coil	Metal
A	A-61	Copper-Colored Metal Coil	Metal
A	A-62	Black Glue	Composite
A	A-63	Black Plastic	Polymer
A	A-64	Silvery Metal Pin	Metal
A	A-65	Black Plastic	Polymer
A	A-66	Black Plastic	Polymer
A	A-67	Silvery Metal Pin	Metal
A	A-68	Black IC	Composite
A	A-69	Black IC	Composite
A	A-70	Black IC	Composite
A	A-71	Black IC	Composite
A	A-72	Black IC	Composite
A	A-73	Black IC	Composite

Part No.	Sample No.	Sample Description	Sample Material
A	A-74	Black IC	Composite
A	A-75	Black IC	Composite
A	A-76	Black IC	Composite
A	A-77	Black Diode	Composite
A	A-78	Black Diode	Composite
A	A-79	Black Diode	Composite
A	A-80	Brown Inductance	Composite
A	A-81	Brown Chip Capacitor	Composite
A	A-82	Brown Chip Capacitor	Composite
A	A-83	Brown Inductance	Composite
A	A-84	Black IC	Composite
A	A-85	Black Triode	Composite
A	A-86	Gray Inductance	Composite
A	A-87	Black Inductance	Composite
A	A-88	Blue PCB	Composite
A	A-89	Black IC	Composite
A	A-90	Black IC	Composite
A	A-91	Black IC	Composite
A	A-92	Black IC	Composite
A	A-93	Black Press Port	Polymer
A	A-94	Blue PCB	Composite
A	A-95	Silvery Solder	Metal
A	A-96	Black IC	Composite
A	A-97	Black IC	Composite
A	A-98	Black IC	Composite
A	A-99	Black IC	Composite
A	A-100	Black IC	Composite
A	A-101	Black IC	Composite
A	A-102	Grey Plastic	Polymer
A	A-103	Beige Plastic	Polymer
A	A-104	Silvery Metal Shell	Metal
A	A-105	Black Plastic	Polymer
A	A-106	Golden Metal Pin	Metal
A	A-107	Black Metal Screw	Metal
A	A-108	Silvery Metal Spring	Metal
A	A-109	Black Glass Mirror Face	Composite
A	A-110	Black Soft Plastic	Polymer

Part No.	Sample No.	Sample Description	Sample Material
A	A-111	Grey Glue	Composite
A	A-112	Black FPC	Composite
A	A-113	Silvery Metal Sheet	Metal
A	A-114	Transparent Glue	Composite
A	A-115	White Adhesive With Black Lettering	Composite
A	A-116	White Gel	Composite
A	A-117	Black Adhesive Sticker	Composite
A	A-118	Black Adhesive Sticker	Composite
A	A-119	Black FPC	Composite
A	A-120	Photosensitive IC	Composite
A	A-121	Silvery Metal Sheet	Metal
A	A-122	Blue Glass	Composite
A	A-123	Black Plastic	Polymer
A	A-124	Transparent Plastic	Polymer
A	A-125	Black Plastic Pad	Polymer
A	A-126	Brown FPC	Composite
A	A-127	Golden Metal Sheet	Metal
A	A-128	Black Plastic	Polymer
A	A-129	Transparent Plastic	Polymer
A	A-130	White Soft Plastic	Polymer
B	B-1	White Plastic	Polymer
B	B-2	Black Plastic	Polymer
B	B-3	Silvery Metal	Metal
B	B-4	Transparent Plastic Netlines	Polymer
B	B-5	Golden Metal Sheet	Metal
B	B-6	Transparent Gel	Composite
B	B-7	Silvery Metal Shell	Metal
B	B-8	Silvery Metal	Metal
B	B-9	Black Plastic	Polymer
B	B-10	Golden Metal Pin	Metal
B	B-11	Black Plastic Skin	Polymer
B	B-12	Silvery Metal Mesh	Metal
B	B-13	Silver Tinfoil	Metal
B	B-14	Transparent Plastic Film	Polymer
B	B-15	White Plastic	Polymer
B	B-16	Brown Plastic Wire Jacket	Polymer
B	B-17	Brown White Plastic Wire Jacket	Polymer

Part No.	Sample No.	Sample Description	Sample Material
B	B-18	Green Plastic Wire Jacket	Polymer
B	B-19	Green White Plastic Wire Jacket	Polymer
B	B-20	Orange Plastic Wire Jacket	Polymer
B	B-21	Orange White Plastic Wire Jacket	Polymer
B	B-22	Blue Plastic Wire Jacket	Polymer
B	B-23	Blue White Plastic Wire Jacket	Polymer
B	B-24	Copper-Colored Metal Core	Metal
C	C-1	Black Plastic	Polymer
C	C-2	Silvery Metal	Metal
C	C-3	Silvery Metal Shell	Metal
C	C-4	Black Plastic	Polymer
C	C-5	Golden Metal Pin	Metal
C	C-6	Black Wire Jacket	Polymer
C	C-7	Black Plastic Wire Jacket	Polymer
C	C-8	Silver Tinfoil	Metal
C	C-9	White Insulation Paper	Composite
C	C-10	White Cotton Line	Composite
C	C-11	Silvery Metal Mesh	Metal
C	C-12	Black Plastic Wire Jacket	Polymer
C	C-13	White Plastic Wire Jacket	Polymer
C	C-14	Green Plastic Wire Jacket	Polymer
C	C-15	Yellow Plastic Wire Jacket	Polymer
C	C-16	Orange Plastic Wire Jacket	Polymer
C	C-17	Black Plastic Wire Jacket	Polymer
C	C-18	Red Plastic Wire Jacket	Polymer
C	C-19	Blue Plastic Wire Jacket	Polymer
C	C-20	Purple Plastic Wire Jacket	Polymer
C	C-21	Brown Plastic Wire Jacket	Polymer
C	C-22	Silvery Metal Core	Metal
D	D-1	Black Hexagon Socket Screw	Metal
D	D-2	Black Metal	Metal
D	D-3	Black Metal Cassette	Metal
D	D-4	Black Plastic Knob	Polymer
D	D-5	Silvery Metal Screw	Metal
D	D-6	Silvery Metal Shaft	Metal
D	D-7	Black Soft Plastic Cover	Polymer
D	D-8	Black Plastic Sheet	Polymer

Part No.	Sample No.	Sample Description	Sample Material
D	D-9	Black Soft Rubberizing	Polymer
D	D-10	Black Plastic Cover	Polymer
D	D-11	Silvery Metal Screw	Metal
D	D-12	Black Plastic Holder	Polymer
D	D-13	Black Metal Screw	Metal
D	D-14	Black Plastic Stents	Polymer
D	D-15	Black Soft Plastic Mat	Polymer
D	D-16	Black Hexagon Socket Screw	Metal
D	D-17	Silvery Metal Spring	Metal

4. Test Results

The results of EDXRF screening and chemical test (Unit: mg/kg)

Sample No.	Cd	Pb	Hg	Cr(VI)▲	PBBs	PBDEs	DBP	BBP	DEHP	DIBP	Conclusion
A-1	P	P	P	P	P	P	ND	ND	ND	ND	PASS
A-2	P	P	P	P	---	---	---	---	---	---	PASS
A-3	P	P	P	P	---	---	---	---	---	---	PASS
A-4	P	P	P	P	---	---	---	---	---	---	PASS
A-5	P	P	P	P	---	---	---	---	---	---	PASS
A-6	P	P	P	ND	---	---	---	---	---	---	PASS
A-7	P	P	P	P	P	P	ND	ND	ND	ND	PASS
A-8	P	P	P	P	P	P	ND	ND	ND	ND	PASS
A-9	P	P	P	P	P	P	ND	ND	ND	ND	PASS
A-10	P	P	P	P	P	P	ND	ND	ND	ND	PASS
A-11	P	P	P	P	P	P	ND	ND	ND	ND	PASS
A-12	P	P	P	ND	P	P	ND	ND	ND	ND	PASS
A-13	P	P	P	ND	---	---	---	---	---	---	PASS
A-14	P	P	P	ND	P	P	ND	ND	ND	ND	PASS
A-15	P	P	P	P	P	P	ND	ND	ND	ND	PASS
A-16	P	23151#	P	P	---	---	---	---	---	---	PASS
A-17	P	P	P	ND	P	P	ND	ND	ND	ND	PASS
A-18	P	24083#	P	P	---	---	---	---	---	---	PASS
A-19	P	P	P	ND	P	P	ND	ND	ND	ND	PASS
A-20	P	P	P	P	P	P	ND	ND	ND	ND	PASS
A-21	P	20211#	P	P	---	---	---	---	---	---	PASS
A-22	P	P	P	P	ND	ND	ND	ND	ND	ND	PASS
A-23	P	19079#	P	P	---	---	---	---	---	---	PASS
A-24	P	P	P	P	P	P	ND	ND	ND	ND	PASS
A-25	P	P	P	ND	P	P	ND	ND	ND	ND	PASS
A-26	P	P	P	P	P	P	ND	ND	ND	ND	PASS
A-27	P	P	P	P	P	P	ND	ND	ND	ND	PASS
A-28	P	P	P	P	P	P	ND	ND	ND	ND	PASS

Sample No.	Cd	Pb	Hg	Cr(VI)▲	PBBs	PBDEs	DBP	BBP	DEHP	DIBP	Conclusion
A-29	P	P	P	P	P	P	ND	ND	ND	ND	PASS
A-30	P	P	P	P	P	P	ND	ND	ND	ND	PASS
A-31	P	P	P	ND	P	P	ND	ND	ND	ND	PASS
A-32	P	P	P	P	P	P	ND	ND	ND	ND	PASS
A-33	P	P	P	P	P	P	ND	ND	ND	ND	PASS
A-34	P	P	P	P	P	P	ND	ND	ND	ND	PASS
A-35	P	P	P	P	P	P	ND	ND	ND	ND	PASS
A-36	P	P	P	P	---	---	---	---	---	---	PASS
A-37	P	P	P	P	---	---	---	---	---	---	PASS
A-38	P	P	P	P	ND	ND	ND	ND	ND	ND	PASS
A-39	P	P	P	P	P	P	ND	ND	ND	ND	PASS
A-40	P	P	P	P	P	P	ND	ND	ND	ND	PASS
A-41	P	P	P	P	P	P	ND	ND	ND	ND	PASS
A-42	P	P	P	P	---	---	---	---	---	---	PASS
A-43	P	P	P	P	P	P	ND	ND	ND	ND	PASS
A-44	P	P	P	P	---	---	---	---	---	---	PASS
A-45	P	P	P	P	---	---	---	---	---	---	PASS
A-46	P	P	P	ND	---	---	---	---	---	---	PASS
A-47	P	P	P	P	---	---	---	---	---	---	PASS
A-48	P	P	P	P	P	P	ND	ND	ND	ND	PASS
A-49	P	20094#	P	P	---	---	---	---	---	---	PASS
A-50	P	P	P	P	---	---	---	---	---	---	PASS
A-51	P	P	P	P	ND	ND	ND	ND	ND	ND	PASS
A-52	P	P	P	P	---	---	---	---	---	---	PASS
A-53	P	P	P	P	P	P	ND	ND	ND	ND	PASS
A-54	P	P	P	P	---	---	---	---	---	---	PASS
A-55	P	P	P	P	P	P	ND	ND	ND	ND	PASS
A-56	P	P	P	P	P	P	ND	ND	ND	ND	PASS
A-57	P	P	P	P	---	---	---	---	---	---	PASS
A-58	P	P	P	P	P	P	ND	ND	ND	ND	PASS
A-59	P	P	P	ND	P	P	ND	ND	ND	ND	PASS

Sample No.	Cd	Pb	Hg	Cr(VI)▲	PBBs	PBDEs	DBP	BBP	DEHP	DIBP	Conclusion
A-60	P	P	P	P	---	---	---	---	---	---	PASS
A-61	P	P	P	P	---	---	---	---	---	---	PASS
A-62	P	P	P	P	P	P	ND	ND	ND	ND	PASS
A-63	P	P	P	P	P	P	ND	ND	ND	ND	PASS
A-64	P	P	P	P	---	---	---	---	---	---	PASS
A-65	P	P	P	P	P	P	ND	ND	ND	ND	PASS
A-66	P	P	P	P	P	P	ND	ND	ND	ND	PASS
A-67	P	P	P	P	---	---	---	---	---	---	PASS
A-68	P	P	P	P	P	P	ND	ND	ND	ND	PASS
A-69	P	P	P	P	P	P	ND	ND	ND	ND	PASS
A-70	P	P	P	P	P	P	ND	ND	ND	ND	PASS
A-71	P	P	P	P	P	P	ND	ND	ND	ND	PASS
A-72	P	P	P	P	P	P	ND	ND	ND	ND	PASS
A-73	P	P	P	P	P	P	ND	ND	ND	ND	PASS
A-74	P	P	P	P	P	P	ND	ND	ND	ND	PASS
A-75	P	P	P	P	P	P	ND	ND	ND	ND	PASS
A-76	P	P	P	P	P	P	ND	ND	ND	ND	PASS
A-77	P	P	P	P	P	P	ND	ND	ND	ND	PASS
A-78	P	P	P	P	P	P	ND	ND	ND	ND	PASS
A-79	P	P	P	P	P	P	ND	ND	ND	ND	PASS
A-80	P	P	P	ND	P	P	ND	ND	ND	ND	PASS
A-81	P	P	P	ND	P	P	ND	ND	ND	ND	PASS
A-82	P	P	P	P	P	P	ND	ND	ND	ND	PASS
A-83	P	P	P	P	P	P	ND	ND	ND	ND	PASS
A-84	P	P	P	P	P	P	ND	ND	ND	ND	PASS
A-85	P	P	P	P	P	P	ND	ND	ND	ND	PASS
A-86	P	P	P	ND	P	P	ND	ND	ND	ND	PASS
A-87	P	P	P	P	P	P	ND	ND	ND	ND	PASS
A-88	P	P	P	P	P	P	ND	ND	ND	ND	PASS
A-89	P	P	P	P	P	P	ND	ND	ND	ND	PASS
A-90	P	P	P	P	P	P	ND	ND	ND	ND	PASS

Sample No.	Cd	Pb	Hg	Cr(VI)▲	PBBs	PBDEs	DBP	BBP	DEHP	DIBP	Conclusion
A-91	P	P	P	P	P	P	ND	ND	ND	ND	PASS
A-92	P	P	P	P	P	P	ND	ND	ND	ND	PASS
A-93	P	P	P	P	P	P	ND	ND	ND	ND	PASS
A-94	P	P	P	P	P	P	ND	ND	ND	ND	PASS
A-95	P	P	P	P	---	---	---	---	---	---	PASS
A-96	P	P	P	P	P	P	ND	ND	ND	ND	PASS
A-97	P	P	P	P	P	P	ND	ND	ND	ND	PASS
A-98	P	P	P	P	P	P	ND	ND	ND	ND	PASS
A-99	P	P	P	P	P	P	ND	ND	ND	ND	PASS
A-100	P	P	P	P	P	P	ND	ND	ND	ND	PASS
A-101	P	P	P	P	P	P	ND	ND	ND	ND	PASS
A-102	P	P	P	P	P	P	ND	ND	ND	ND	PASS
A-103	P	P	P	P	ND	ND	ND	ND	ND	ND	PASS
A-104	P	P	P	ND	---	---	---	---	---	---	PASS
A-105	P	P	P	ND	P	P	ND	ND	ND	ND	PASS
A-106	P	P	P	ND	---	---	---	---	---	---	PASS
A-107	P	P	P	ND	---	---	---	---	---	---	PASS
A-108	P	P	P	P	---	---	---	---	---	---	PASS
A-109	P	P	P	P	P	P	ND	ND	ND	ND	PASS
A-110	P	P	P	P	P	P	ND	ND	ND	ND	PASS
A-111	P	P	P	P	P	P	ND	ND	ND	ND	PASS
A-112	P	P	P	ND	P	P	ND	ND	ND	ND	PASS
A-113	P	P	P	ND	---	---	---	---	---	---	PASS
A-114	P	P	P	ND	P	P	ND	ND	ND	ND	PASS
A-115	P	P	P	P	P	P	ND	ND	ND	ND	PASS
A-116	P	P	P	P	P	P	ND	ND	ND	ND	PASS
A-117	P	P	P	P	P	P	ND	ND	ND	ND	PASS
A-118	P	P	P	P	P	P	ND	ND	ND	ND	PASS
A-119	P	P	P	P	P	P	ND	ND	ND	ND	PASS
A-120	P	P	P	P	P	P	ND	ND	ND	ND	PASS
A-121	P	P	P	ND	---	---	---	---	---	---	PASS

Sample No.	Cd	Pb	Hg	Cr(VI)▲	PBBs	PBDEs	DBP	BBP	DEHP	DIBP	Conclusion
A-122	P	P	P	P	P	P	ND	ND	ND	ND	PASS
A-123	P	P	P	P	P	P	ND	ND	ND	ND	PASS
A-124	P	P	P	P	P	P	ND	ND	ND	ND	PASS
A-125	P	P	P	P	P	P	ND	ND	ND	ND	PASS
A-126	P	P	P	P	P	P	ND	ND	ND	ND	PASS
A-127	P	P	P	P	---	---	---	---	---	---	PASS
A-128	P	P	P	P	P	P	ND	ND	ND	ND	PASS
A-129	P	P	P	P	P	P	ND	ND	ND	ND	PASS
A-130	P	P	P	P	P	P	ND	ND	ND	ND	PASS
B-1	P	P	P	P	P	P	ND	ND	ND	ND	PASS
B-2	P	P	P	P	P	P	ND	ND	ND	ND	PASS
B-3	P	P	P	P	---	---	---	---	---	---	PASS
B-4	P	P	P	P	P	P	ND	ND	ND	ND	PASS
B-5	P	P	P	P	---	---	---	---	---	---	PASS
B-6	P	P	P	P	P	P	ND	ND	ND	ND	PASS
B-7	P	24760#	P	P	---	---	---	---	---	---	PASS
B-8	P	P	P	P	---	---	---	---	---	---	PASS
B-9	P	P	P	P	ND	ND	ND	ND	ND	ND	PASS
B-10	P	19097#	P	P	---	---	---	---	---	---	PASS
B-11	P	P	P	P	P	P	ND	ND	ND	ND	PASS
B-12	P	P	P	P	---	---	---	---	---	---	PASS
B-13	P	P	P	P	---	---	---	---	---	---	PASS
B-14	P	P	P	P	P	P	ND	ND	ND	ND	PASS
B-15	P	P	P	P	P	P	ND	ND	ND	ND	PASS
B-16	P	P	P	P	P	P	ND	ND	ND	ND	PASS
B-17	P	P	P	P	P	P	ND	ND	ND	ND	PASS
B-18	P	P	P	P	P	P	ND	ND	ND	ND	PASS
B-19	P	P	P	P	P	P	ND	ND	ND	ND	PASS
B-20	P	P	P	P	P	P	ND	ND	ND	ND	PASS
B-21	P	P	P	P	P	P	ND	ND	ND	ND	PASS
B-22	P	P	P	P	P	P	ND	ND	ND	ND	PASS

Sample No.	Cd	Pb	Hg	Cr(VI)▲	PBBs	PBDEs	DBP	BBP	DEHP	DIBP	Conclusion
B-23	P	P	P	P	P	P	ND	ND	ND	ND	PASS
B-24	P	P	P	P	---	---	---	---	---	---	PASS
C-1	P	P	P	P	P	P	ND	ND	ND	ND	PASS
C-2	P	16725#	P	P	---	---	---	---	---	---	PASS
C-3	P	19775#	P	P	---	---	---	---	---	---	PASS
C-4	P	P	P	P	P	P	ND	ND	ND	ND	PASS
C-5	P	19765#	P	P	---	---	---	---	---	---	PASS
C-6	P	P	P	P	P	P	ND	ND	ND	ND	PASS
C-7	P	P	P	P	P	P	ND	ND	ND	ND	PASS
C-8	P	P	P	P	---	---	---	---	---	---	PASS
C-9	P	P	P	P	P	P	ND	ND	ND	ND	PASS
C-10	P	P	P	P	P	P	ND	ND	ND	ND	PASS
C-11	P	P	P	P	---	---	---	---	---	---	PASS
C-12	P	P	P	P	P	P	ND	ND	ND	ND	PASS
C-13	P	P	P	P	P	P	ND	ND	ND	ND	PASS
C-14	P	P	P	P	P	P	ND	ND	ND	ND	PASS
C-15	P	P	P	P	P	P	ND	ND	ND	ND	PASS
C-16	P	P	P	P	P	P	ND	ND	ND	ND	PASS
C-17	P	P	P	ND	P	P	ND	ND	ND	ND	PASS
C-18	P	P	P	ND	P	P	ND	ND	ND	ND	PASS
C-19	P	P	P	ND	P	P	ND	ND	ND	ND	PASS
C-20	P	P	P	P	P	P	ND	ND	ND	ND	PASS
C-21	P	P	P	P	P	P	ND	ND	ND	ND	PASS
C-22	P	P	P	P	---	---	---	---	---	---	PASS
D-1	P	P	P	ND	---	---	---	---	---	---	PASS
D-2	P	P	P	P	---	---	---	---	---	---	PASS
D-3	P	P	P	P	---	---	---	---	---	---	PASS
D-4	P	P	P	P	P	P	ND	ND	ND	ND	PASS
D-5	P	P	P	ND	---	---	---	---	---	---	PASS
D-6	P	P	P	ND	---	---	---	---	---	---	PASS
D-7	P	P	P	P	P	P	ND	ND	ND	ND	PASS

Sample No.	Cd	Pb	Hg	Cr(VI)▲	PBBs	PBDEs	DBP	BBP	DEHP	DIBP	Conclusion
D-8	P	P	P	P	P	P	ND	ND	ND	ND	PASS
D-9	P	P	P	P	P	P	ND	ND	ND	ND	PASS
D-10	P	P	P	P	P	P	ND	ND	ND	ND	PASS
D-11	P	P	P	P	---	---	---	---	---	---	PASS
D-12	P	P	P	P	P	P	ND	ND	ND	ND	PASS
D-13	P	P	P	P	---	---	---	---	---	---	PASS
D-14	P	P	P	P	P	P	ND	ND	ND	ND	PASS
D-15	P	P	P	P	P	P	ND	ND	ND	ND	PASS
D-16	P	P	P	P	---	---	---	---	---	---	PASS
D-17	P	P	P	P	---	---	---	---	---	---	PASS

Remark:
(1) # = Lead in copper alloy containing up to 4% lead by weight. The item is exempted from the requirements of the item 6(c) in ANNEX III (Directive 2011/65/EU).

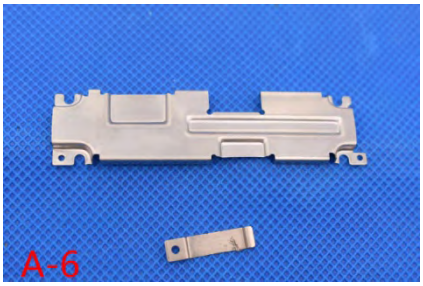
5. Photo of Sample

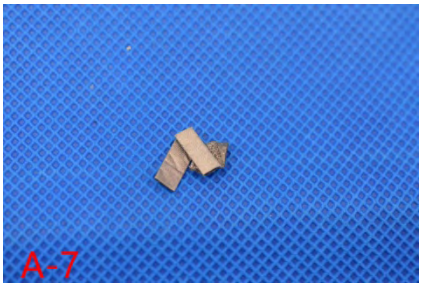

B

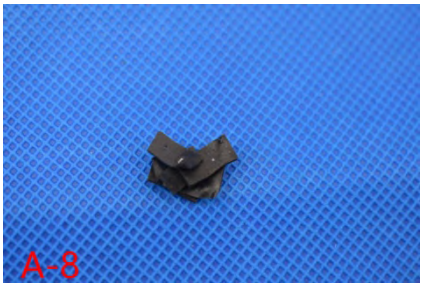

C

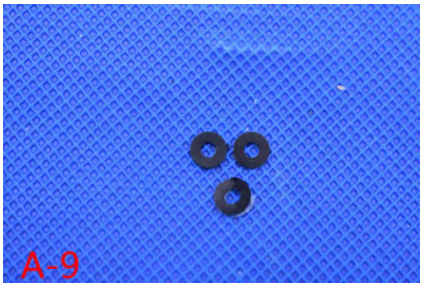

D
mm

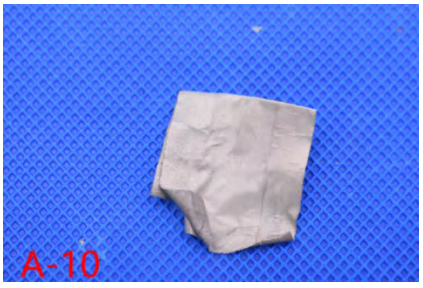
6. Photo of Test Part

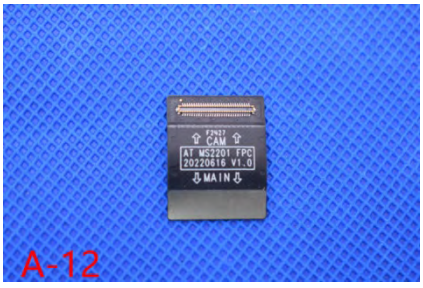






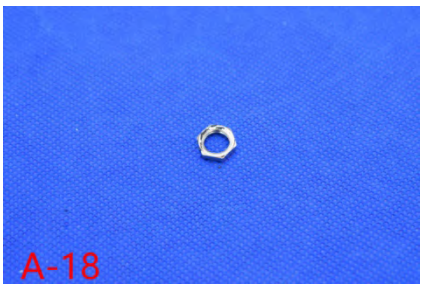







A-16


A-17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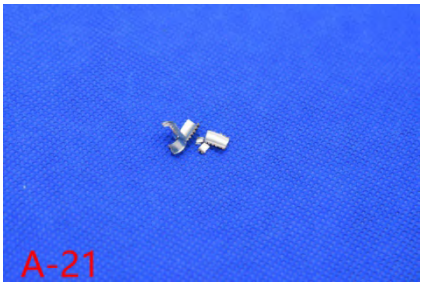
A-19


A-20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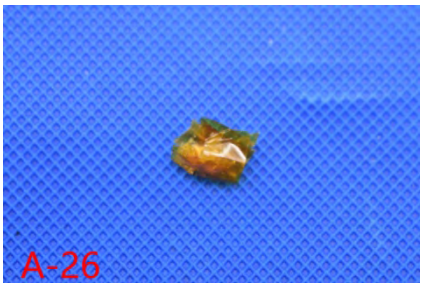
A-22


A-23


A-24


A-25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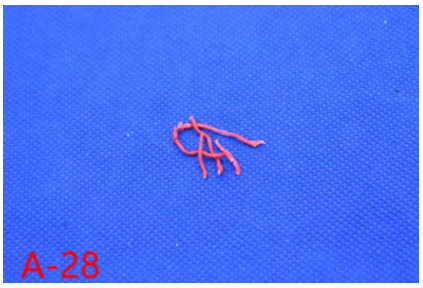
A-27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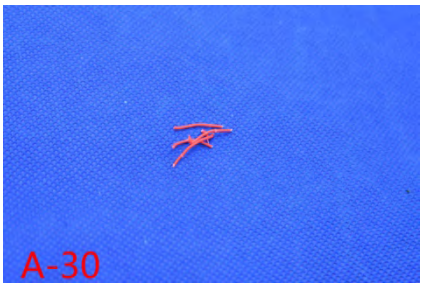
A-29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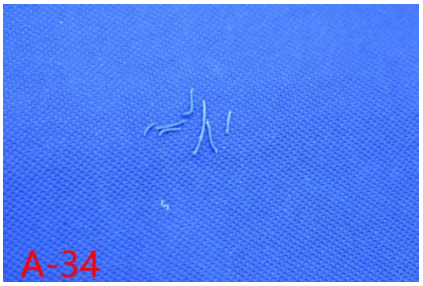
A-31


A-32


A-33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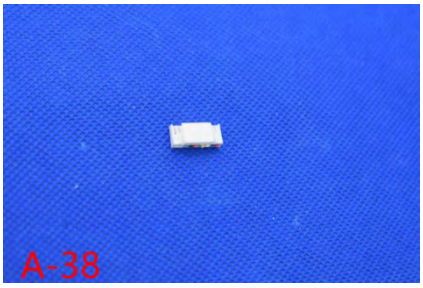
A-35


A-36


A-37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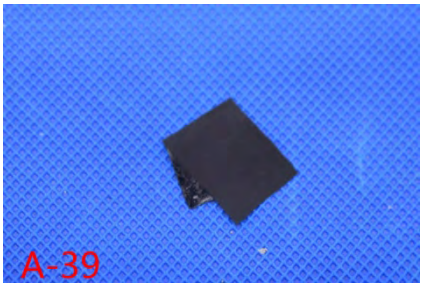
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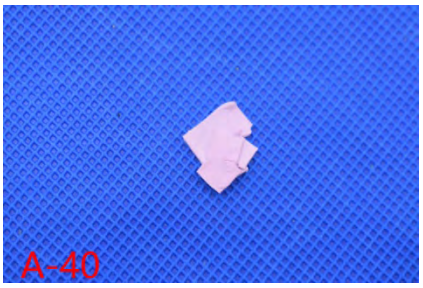
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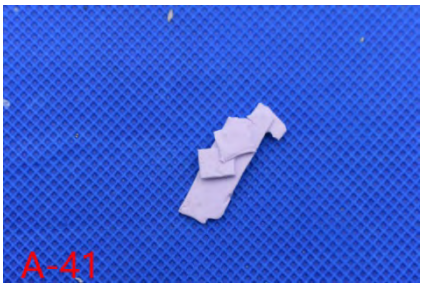
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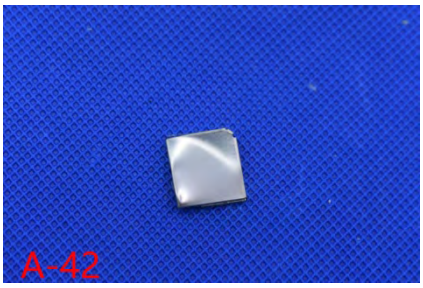
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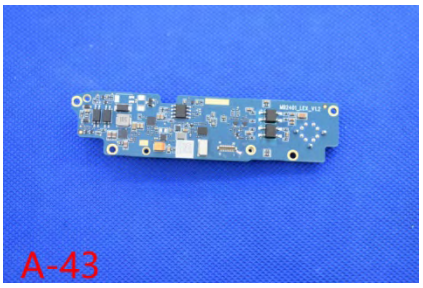
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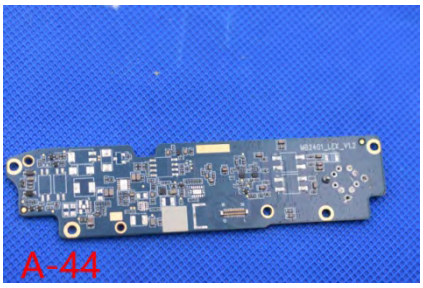
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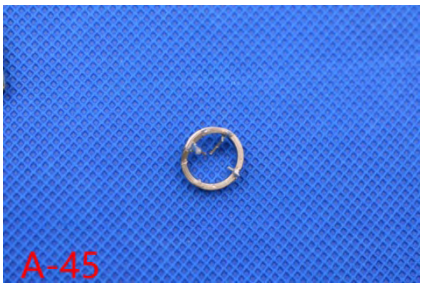
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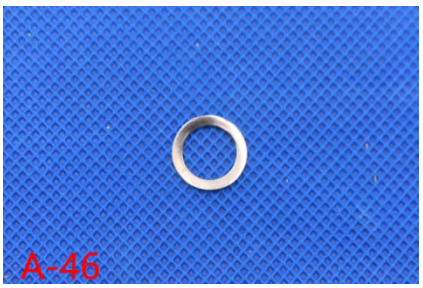
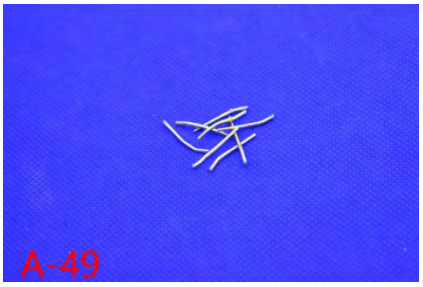

A-46


A-47


A-48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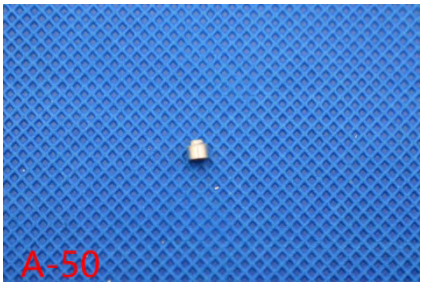
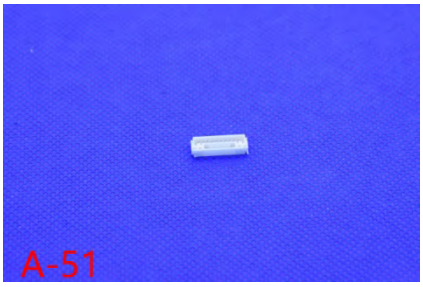

A-50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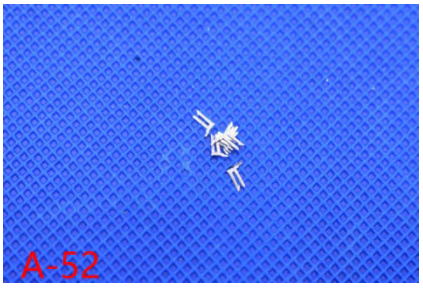
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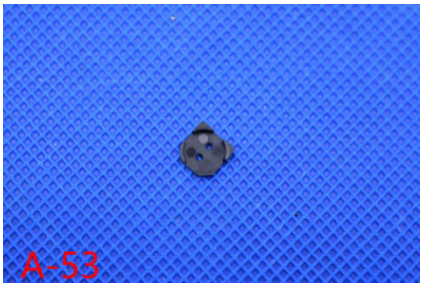
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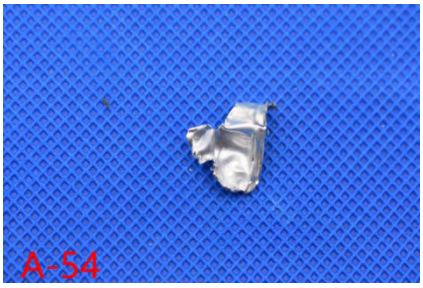
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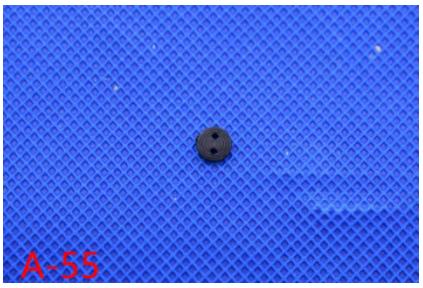
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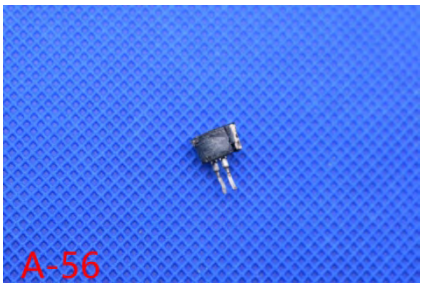
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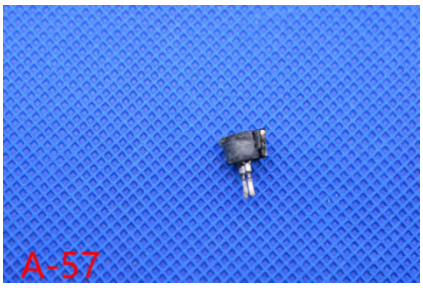
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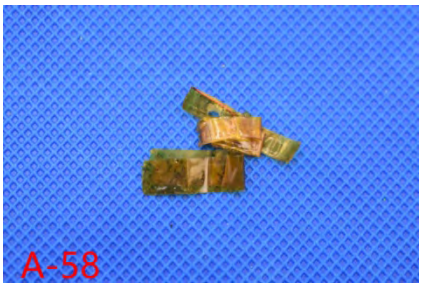
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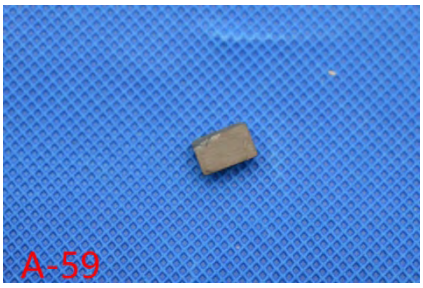
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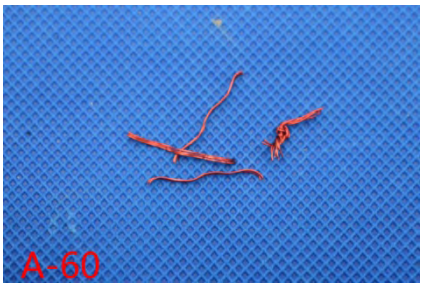
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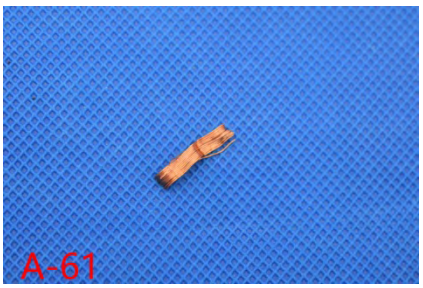
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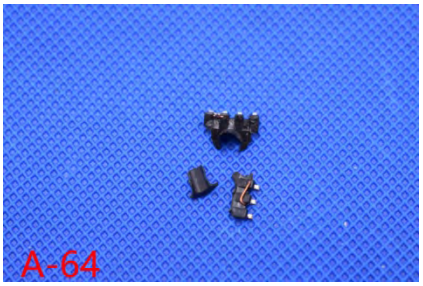
A-62


A-63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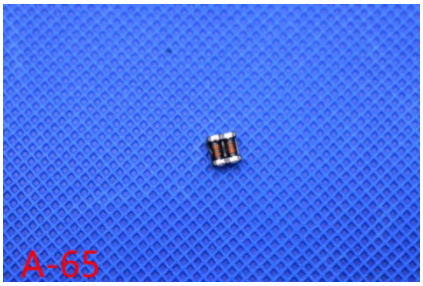
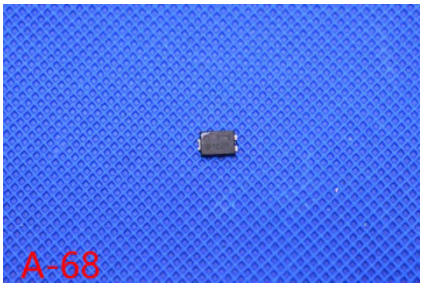

A-65


A-66


A-67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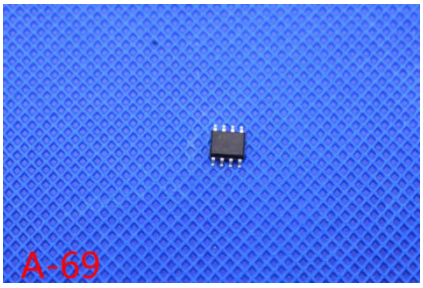
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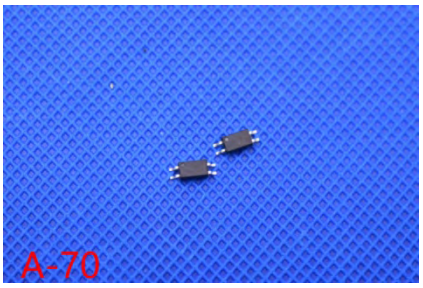
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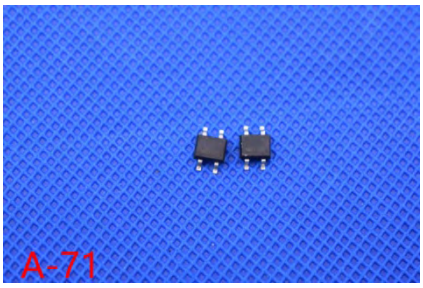
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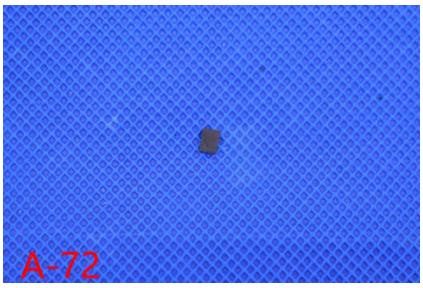
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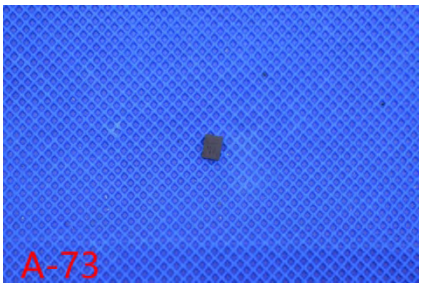
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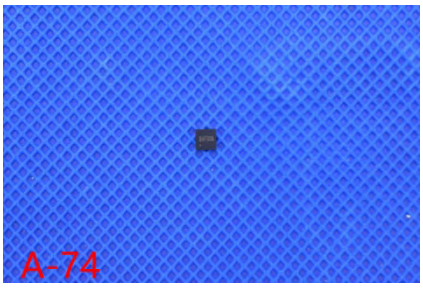
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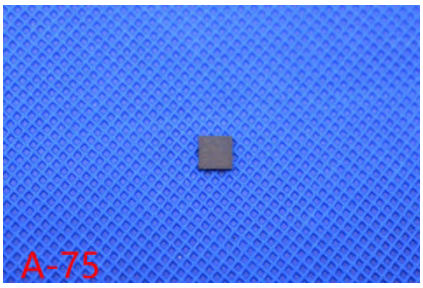
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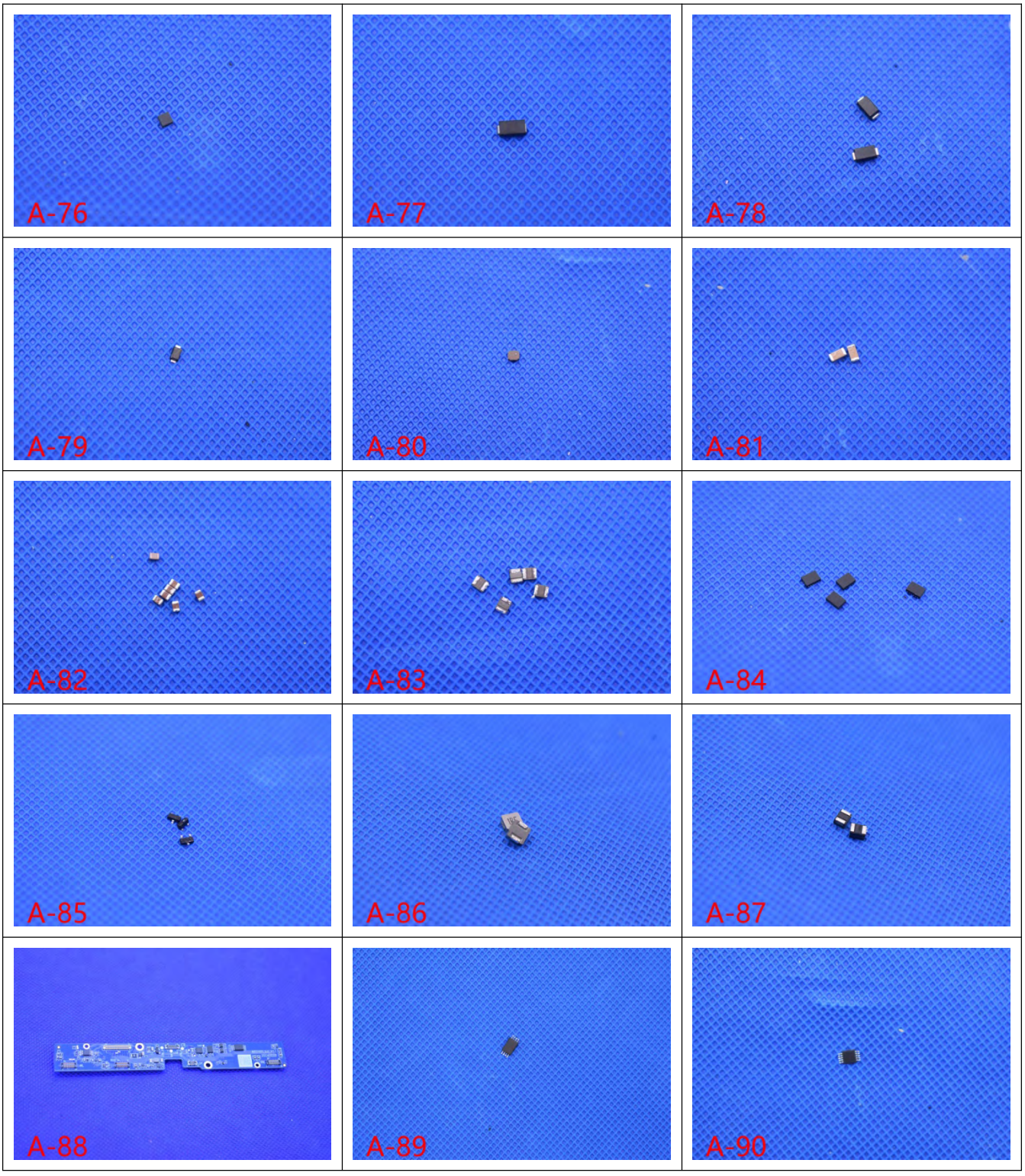
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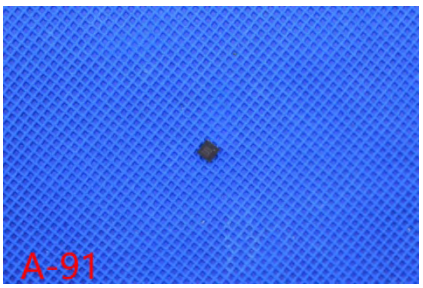
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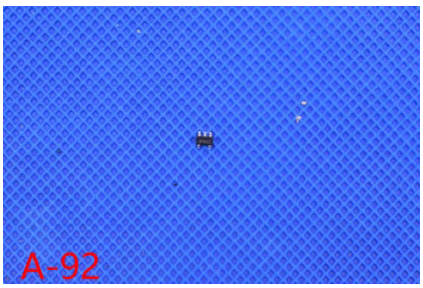
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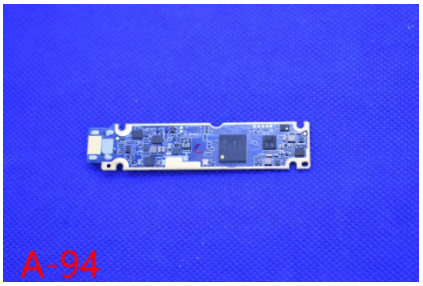
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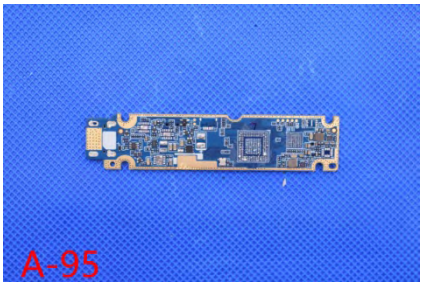
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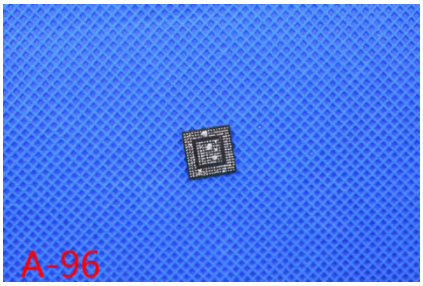
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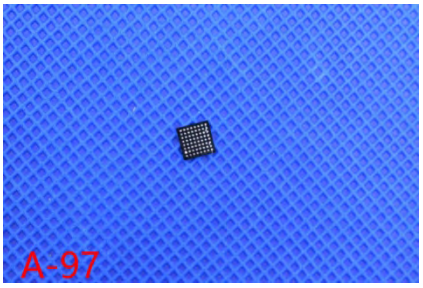
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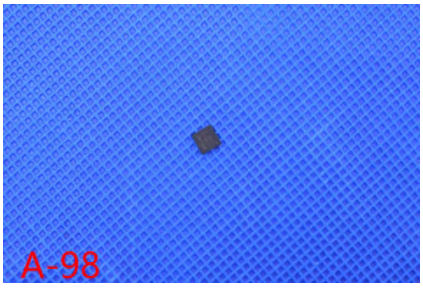
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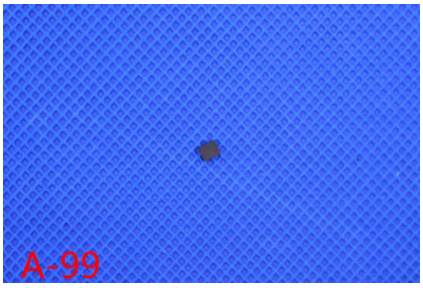
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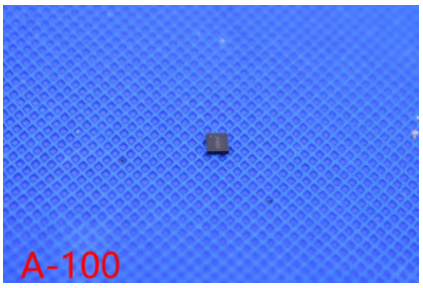
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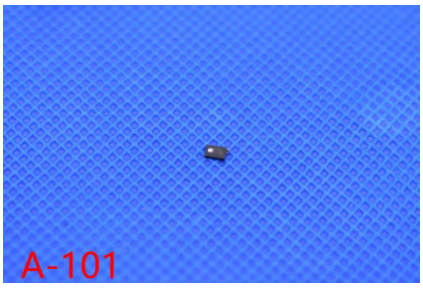
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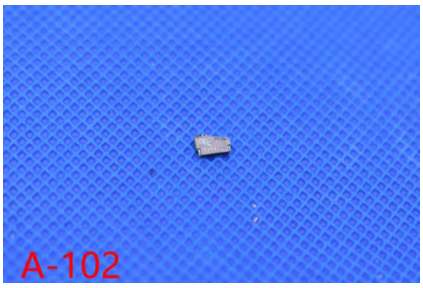
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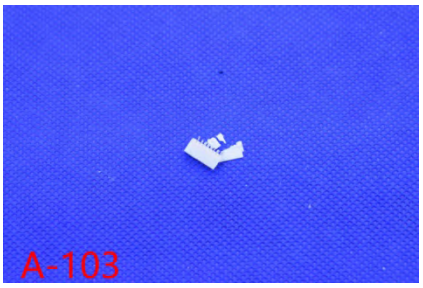
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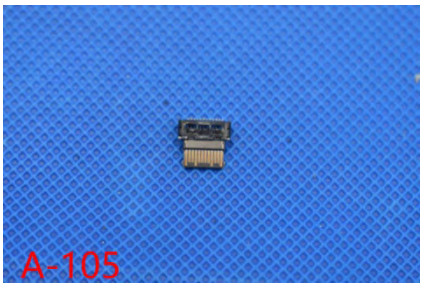
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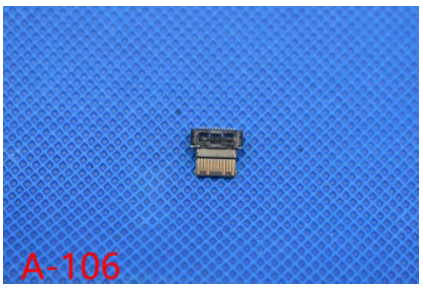
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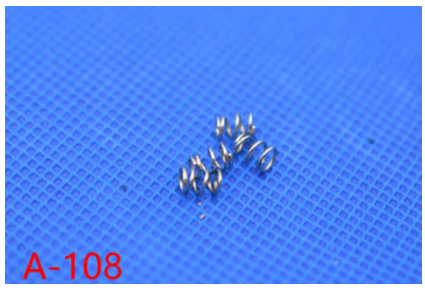
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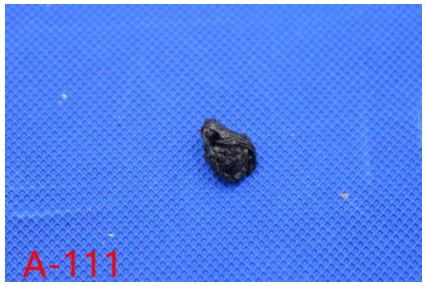
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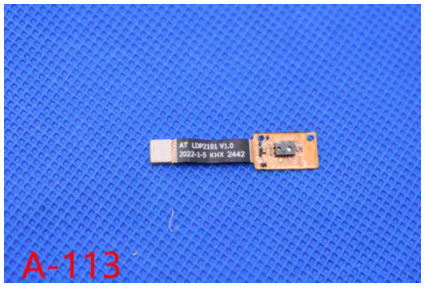
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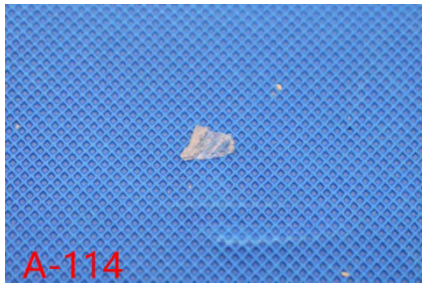
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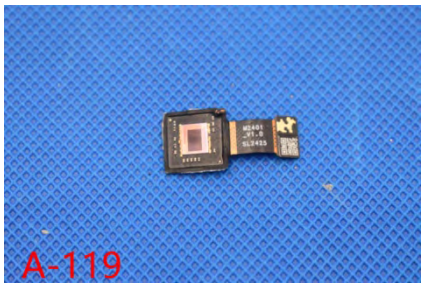
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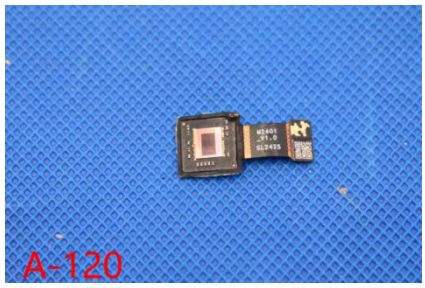
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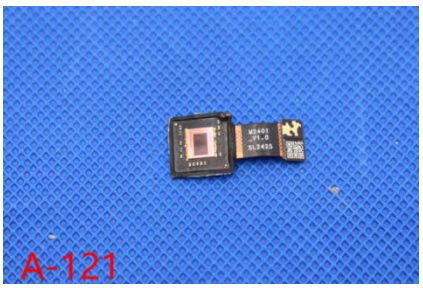
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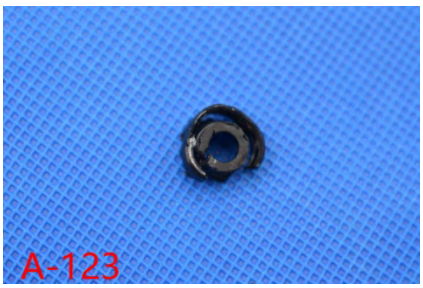
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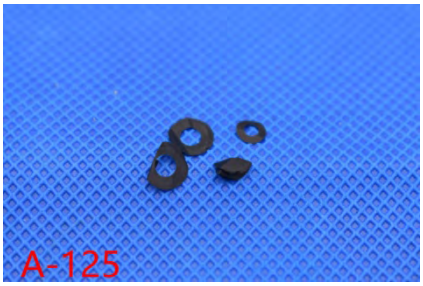
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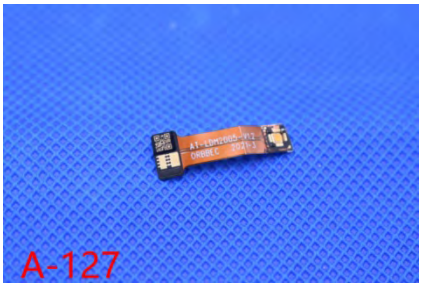
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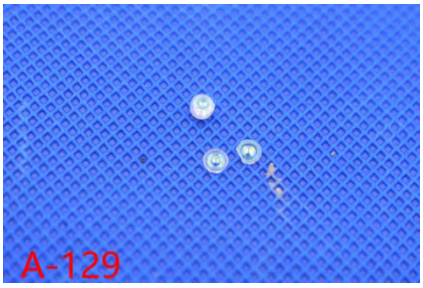
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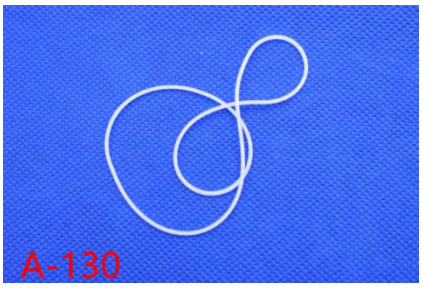
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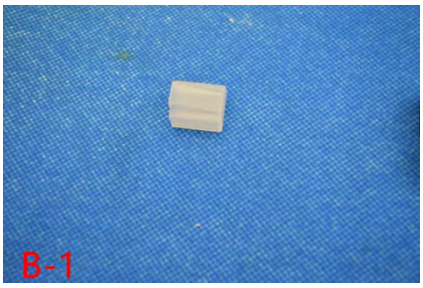
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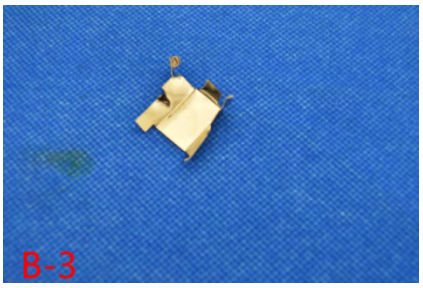
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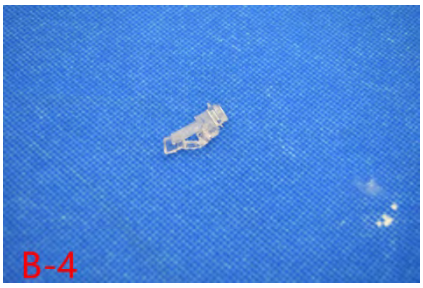
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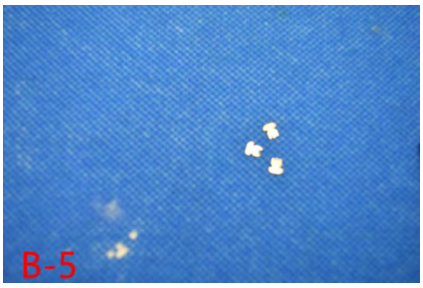
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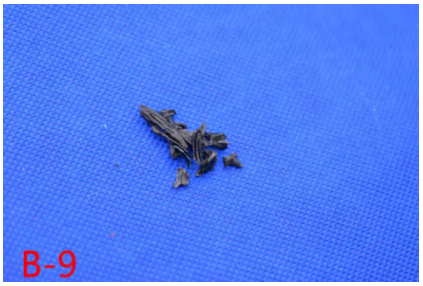
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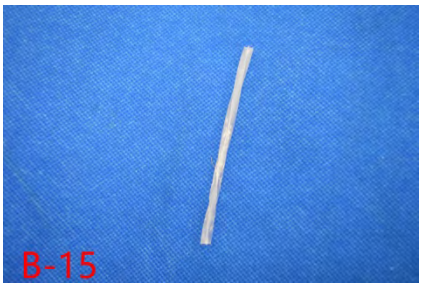
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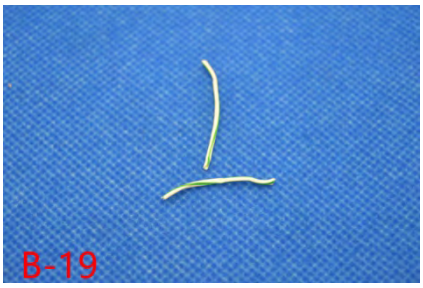
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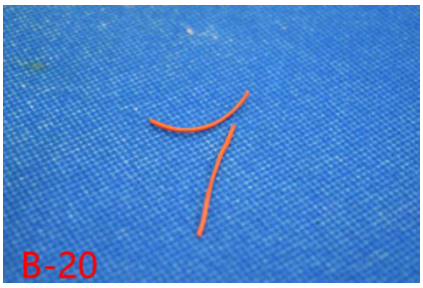
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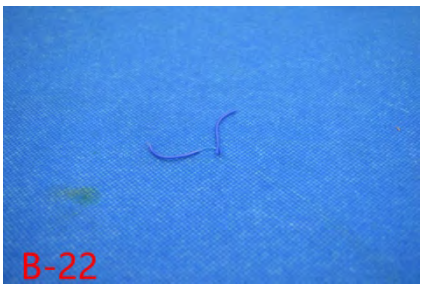
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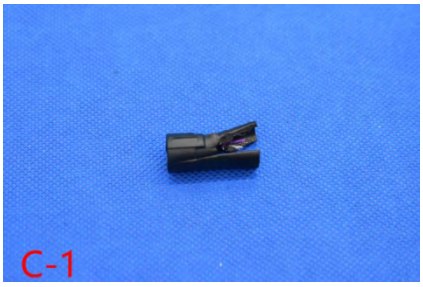
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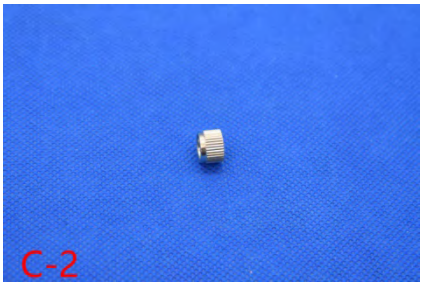
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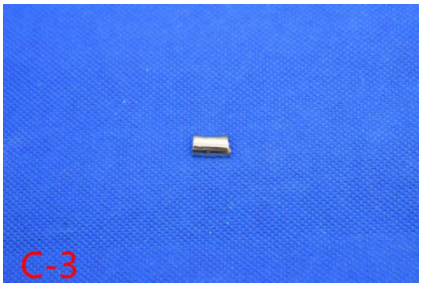
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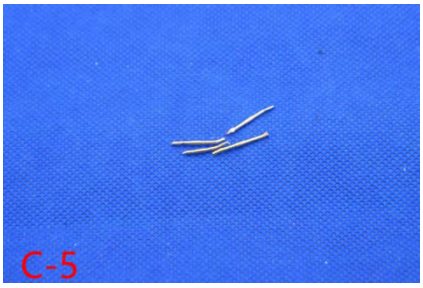
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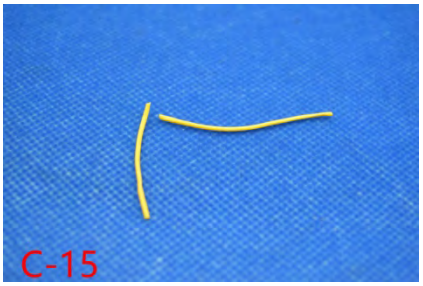
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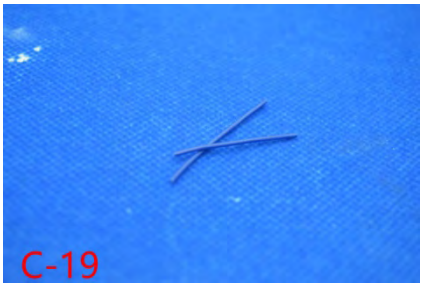
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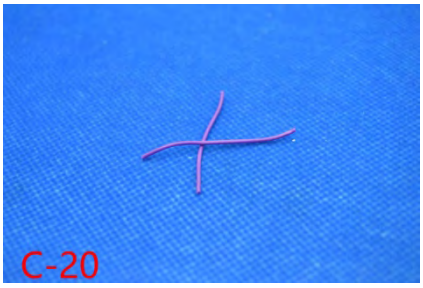
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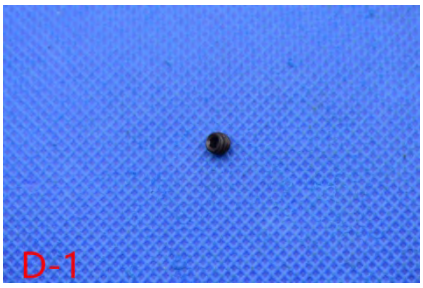
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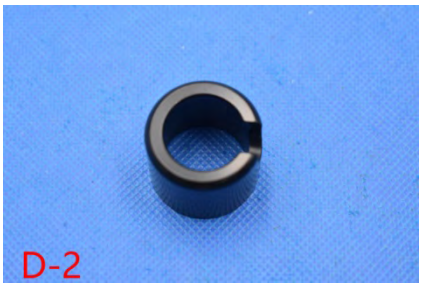
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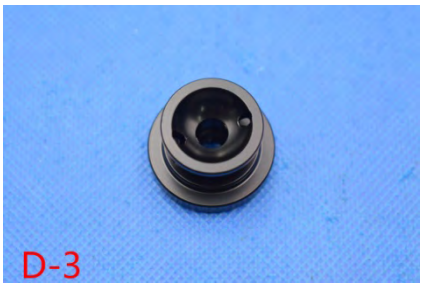
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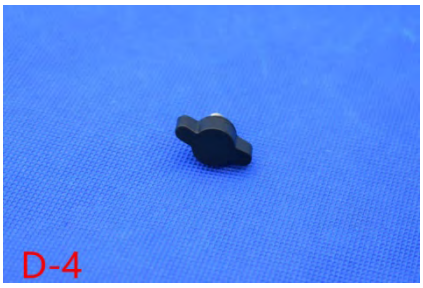
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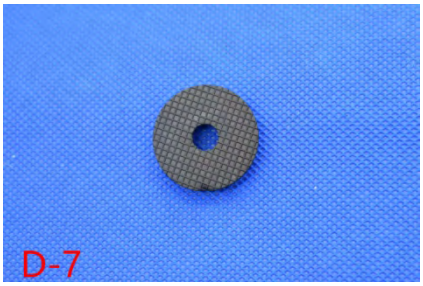
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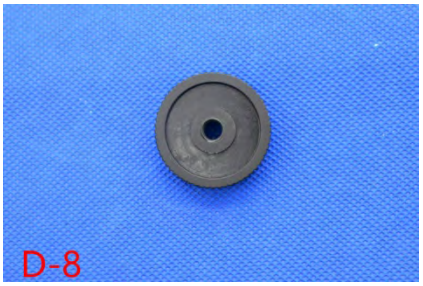
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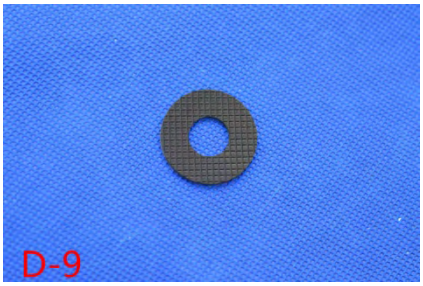
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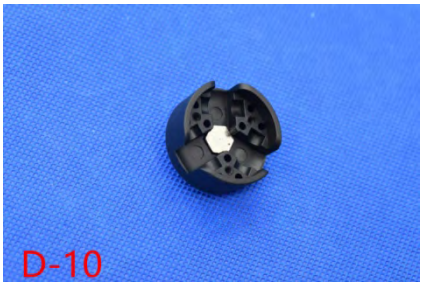
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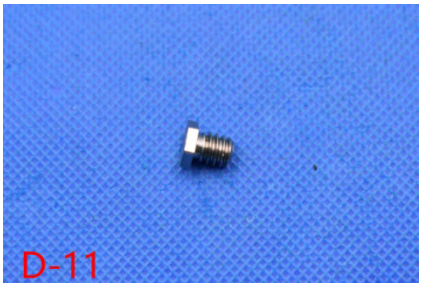
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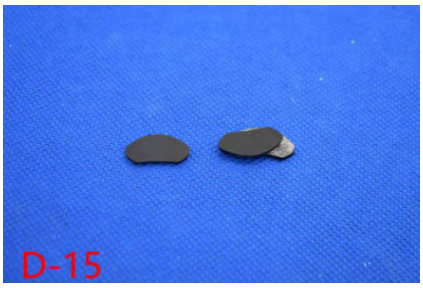
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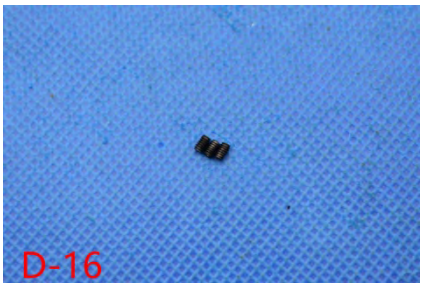
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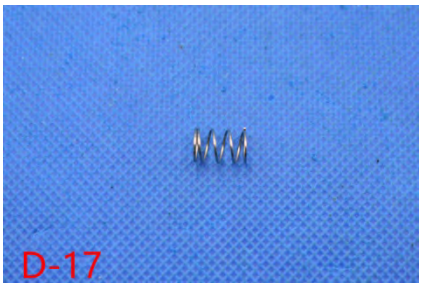
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Annex A General Information

1.1 Identification of the Responsible Testing Laboratory

Laboratory Name:	Shenzhen Morlab Communications Technology Co., Ltd.
Laboratory Address:	FL.1-3, Building A, FeiYang Science Park, No.8 LongChang Road, Block 67, BaoAn District, ShenZhen, GuangDong Province, P. R. China
Telephone:	+86 755 36698555
Facsimile:	+86 755 36698525

1.2 Identification of the Responsible Testing Location

Name:	Shenzhen Morlab Communications Technology Co., Ltd.
Address:	FL.1-3, Building A, FeiYang Science Park, No.8 LongChang Road, Block 67, BaoAn District, ShenZhen, GuangDong Province, P. R. China

1.3 Test Equipment Utilized

No.	Equipment Name	Serial No.	Type	Manufacturer	Cal.Date	Cal.Due Date
1	X-Ray Fluorescence Spectroscopy(XRF)	100180017-00406A	EDX-1800B	Skyray	2025.09.02	2026.09.01
2	X-Ray Fluorescence Spectroscopy(XRF)	100180017-01151A	EDX-1800B	Skyray	2026.05.07	2027.05.06
3	Gas Chromatography-Mass Spectrometer (GC-MS)	CN10617090	6890-5975I	Agilent	2025.01.06	2027.01.05
4	Ultraviolet and visible spectr -ophotometry (UV-Vis)	723S18011	DP-733S	Delp	2026.05.07	2027.05.06
5	Inductive Coupled Plasma Emission Spectrometer (ICP-OES)	IC72DC160825	ICAP7200	Thermo	2025.01.06	2027.01.05
6	Gas Chromatography-Mass Spectrometer (GC-MS)	C70504400059SA	QP2010 PLus	SHIMADZU	2025.01.06	2027.01.05
7	Gas Chromatography-Mass Spectrometer (GC-MS)	021745700818SA	QP2020 NX	SHIMADZU	2025.09.03	2027.09.02
8	Atomic Absorption Spectrometer (AAS)	1812-011	Z-2000	Hitachi	2025.01.06	2027.01.05

1.4 Change History

Change History		
Version	**Date**	**Reason for change**
1.0	2026-06-29	First edition

Note: the latest revision of the report supersedes all previous version.

Notes

1. The report shall have report stamp or our company stamp.
2. The report shall be invalid without all the signatures of the editor and approver.
3. The report shall not be changed.
4. Any objections must be raised to Morlab within 15 days since the date when the report is received. It will not be taken into consideration beyond this limit.
5.Conformity declaration:

☑ Morlab issues a statement of conformity based on the corresponding standards (default)

☐ Morlab issues a statement of conformity based on the applicant requirement

6.Use of uncertainty of measurement for decisions on conformity (decision rule):

No decision rule is specified by the testing standard, when comparing the measurement result with the applicable limit according to the specification in that standard. The decisions on conformity are made without applying the measurement uncertainty (“simple acceptance” decision rule).

***** END OF REPORT *****