



Test Report

Report No. : UNIB23022425HR-01

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Applicant : SHENZHEN MOTTO TECHNOLOGY CO.,LTD

Address : Motto Technology Park, Niu E Ling New Village No#214-101 Xin Tian, Guanlan Street, Longhua District, Shenzhen

Name of sample : MTA 系列/MTF 系列/MTP 系列/MTM 系列/MACM 系列/MBP 系列/MSE 系列/MBC 系列/MBF 系列/MLB 系列/AL 系列/MSA 系列/LH 系列/MBHT 系列/MCC 系列/MPA 系列/MBQ 系列/RH 系列/RO 系列/MBL 系列/MTC 系列/MBH 系列/MBP 系列/MBD 系列/MIF 系列/MFL 系列/LHP 系列/AR 系列/MT 系列/MGB 系列/MDC 系列/MTD 系列/MSD 系列/MBJ 系列/MBK 系列

Receiving Date : Feb. 27, 2023

Test Date : Feb. 27, 2023-Mar. 04, 2023

Test Address : No.47-3, Industrial Road, Zhushan, Dalong Street, Panyu District, Guangzhou, Guangdong, China

Test Method(s) : Please refer to "Test Results"

Testing Item(s) : Pb, Cd, Hg, Cr (VI), PBBs, PBDEs, DEHP, DBP, BBP, DIBP

Decision Basis : RoHS Directive-2011/65/EU and Amendment (EU) 2015/863

Conclusion : Pass

Signed for and on behalf of
Shenzhen United Testing Technology Co.,Ltd

Liu Ze
Approved Signatory

Mar. 21, 2023

Issue Date



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1、Conclusion

The sample(s) was/were detected and according to the results, the conclusion are as follows:

Test Item(s)	Testing Standard(s)	Decision Basis	Conclusion
(Pb), (Cd), (Hg), (Cr), (Br)	IEC 62321-3-1:2013	RoHS Directive-2011/65/EU and Amendment (EU) 2015/863	Pass
(Hg)	IEC 62321-4:2013 +A1:2017		Pass
(Pb), (Cd)	IEC 62321-5:2013		Pass
(PBBs), (PBDEs)	IEC 62321-6:2015		Pass
Cr (VI)	IEC 62321-7-1:2015 IEC 62321-7-2:2017		Pass
(DEHP), (DBP), (BBP), (DIBP)	IEC 62321-8:2017		Pass

2、Test Part Description

The sample(s) was/were disassembled according to IEC 62321-2:2021.

No.	Description	Material
M001	Grey black inductive patch (MFI)	Composite material
M002	Silver grey Inductance (MTP)	Composite material
M003	Grey black inductance (MBH)	Composite material
M004	Black inductive patch (MGB)	Composite material
M005	Grey black inductance (MPA)	Composite material
M006	Black Inductance (MTA)	Composite material
M007	Grey black inductance (MSD)	Composite material
M008	Grey black inductance (MBF)	Composite material
M009	Goldenen inductor (AR)	Composite material
M010	Grey black inductance (MBL)	Composite material
M011	White inductive patch (MLB)	Composite material
M012	Grey black inductance (MBD)	Composite material
M013	Grey black inductance (RH)	Composite material
M014	Black inductance (LH)	Composite material
M015	Grey black inductance (MBP)	Composite material
M016	Grey black inductance (MFL)	Composite material
M017	Copper inductance (MBJ)	Composite material
M018	Golden inductor (MBK)	Composite material
M019	Black plastic (MBQ)	Polymer
M020	Copper coil (MBQ)	Metal
M021	Grey black plastic (MCC)	Polymer

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No.	Description	Material
M022	Copper coil (MCC)	Metal
M023	Grey black plastic (MBC)	Polymer
M024	Copper coil (MBC)	Metal
M025	Green inductance (AL)	Composite material
M026	Silver pin (AL)	Metal
M027	Black plastic (MSE)	Polymer
M028	Colored coil (MSE)	Composite material
M029	Grey black plastic (MACM)	Polymer
M030	Copper coil (MACM)	Metal
M031	Grey black plastic (MBP)	Polymer
M032	Copper coil (MBP)	Metal
M033	Grey black plastic (MTM)	Polymer
M034	Copper coil (MTM)	Metal
M035	Black plastic (MTF)	Polymer
M036	Copper coil (MTF)	Metal
M037	Black plastic (RO)	Polymer
M038	Copper coil (RO)	Metal
M039	Black rubber (MT)	Polymer
M040	Copper coil (MT)	Metal
M041	Grey black plastic (MSA)	Polymer
M042	Copper coil (MSA)	Metal
M043	Black plastic (MTD)	Polymer
M044	Copper coil (MTD)	Metal
M045	Grey black plastic (MDC)	Polymer
M046	Copper coil (MDC)	Metal
M047	Grey black plastic (LHP)	Polymer
M048	Black potting adhesive (LHP)	Polymer
M049	Blue inductance (MTC)	Composite material
M050	Copper coil (MTC)	Metal

Notes: This table is used to identify each test part of the Sample. Different descriptions in the "Description" column are only used to distinguish each test part. "Material" column are only gives a simple Description of the material of each test part, which does not mean that this is the result of a material identification.



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4、Test Results

4.1 The method detection limit (MDL, mg/kg) for each element is as follows:

Test Item(s)	(Pb)	(Cd)	(Hg)	(Cr)	(Br)
MDL	10	10	10	10	50

The screening range of XRF for each element in different materials is as follows (mg/kg):

Element	Polymers	Metals	Composite material
(Pb)	$BL \leq (700-3\delta) < X < (1300+3\delta) \leq OL$	$BL \leq (700-3\delta) < X < (1300+3\delta) \leq OL$	$BL \leq (500-3\delta) < X < (1500+3\delta) \leq OL$
(Cd)	$BL \leq (70-3\delta) < X < (130+3\delta) \leq OL$	$BL \leq (70-3\delta) < X < (130+3\delta) \leq OL$	$MDL < X < (150+3\delta) \leq OL$
(Hg)	$BL \leq (700-3\delta) < X < (1300+3\delta) \leq OL$	$BL \leq (700-3\delta) < X < (1300+3\delta) \leq OL$	$BL \leq (500-3\delta) < X < (1500+3\delta) \leq OL$
(Cr)	$BL \leq 700-3\delta < X$	$BL \leq 700-3\delta < X$	$BL \leq 500-3\delta < X$
(Br)	$BL \leq 300-3\delta < X$	--	$BL \leq 250-3\delta < X$

Notes:

- It is the result on total Br while test on Restricted Substances is PBBs/PBDEs, It is result on total Cr while test item on restricted Substances is Cr(VI).
- Result are obtained by XRF for primary screening, and further chemical testing by ICP(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 IEC 62321(unit: mg/kg).
- BL= Below limit, OL= Over Limit, IN=Inconclusive, LOD=Limit of Detection
- The XRF Screening test for RoHS elements- the reading may be different to the actual content in the Sample be of non-uniformity composition.
- With reference to RoHS Directive 2011/65/EU and Amendment (EU) 2015/863, The limit of Cadmium is 100 ppm, limit of lead is 1000 ppm, limit of Metal mercury 1000 ppm, limit of Hexavalent chromium is 1000 ppm, limit of PBBs are 1000 ppm, limit of PBDEs are 1000 ppm. The limit of DEHP, DBP, BBP and DIBP $\leq 1000 \text{ mg/kg}$ (0.1%).
- " δ " is the standard deviation of analysis results.
- According to IEC 62321, result on Cr(VI) for metal sample is show as Positive/Negative, Negative= Absence of Cr(VI); Positive= Presence of Cr(VI) .



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Part No.	Test Substance	Results of EDXRF(mg/kg)	Results of Wet Chemical Testing(mg/kg)	MDL(mg/kg)	Verdict
M001	(Cd)	ND	--	10	Pass
	(Pb)	ND	--	10	Pass
	(Hg)	ND	--	10	Pass
	(Cr ⁶⁺)	ND	--	10	Pass
	(PBBs)	ND	--	50	Pass
	(PBDEs)	ND	--	50	Pass
	Di-(2-ethylhexyl) Phthalate (DEHP)	--	ND	50	Pass
	Benzylbutyl Phthalate (BBP)	--	ND	50	Pass
	Dibutyl Phthalate (DBP)	--	ND	50	Pass
M002	Diisobutyl phthalate (DIBP)	--	ND	50	Pass
	(Cd)	ND	--	10	Pass
	(Pb)	ND	--	10	Pass
	(Hg)	ND	--	10	Pass
	(Cr ⁶⁺)	ND	--	10	Pass
	(PBBs)	ND	--	50	Pass
	(PBDEs)	ND	--	50	Pass
	Di-(2-ethylhexyl) Phthalate (DEHP)	--	ND	50	Pass
	Benzylbutyl Phthalate (BBP)	--	ND	50	Pass
	Dibutyl Phthalate (DBP)	--	ND	50	Pass
	Diisobutyl phthalate (DIBP)	--	ND	50	Pass

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Part No.	Test Substance	Results of EDXRF(mg/kg)	Results of Wet Chemical Testing(mg/kg)	MDL(mg/kg)	Verdict
M003	(Cd)	ND	--	10	Pass
	(Pb)	ND	--	10	Pass
	(Hg)	ND	--	10	Pass
	(Cr ⁶⁺)	ND	--	10	Pass
	(PBBs)	ND	--	50	Pass
	(PBDEs)	ND	--	50	Pass
	Di-(2-ethylhexyl) Phthalate (DEHP)	--	ND	50	Pass
	Benzylbutyl Phthalate (BBP)	--	ND	50	Pass
	Dibutyl Phthalate (DBP)	--	ND	50	Pass
	Diisobutyl phthalate (DIBP)	--	ND	50	Pass
M004	(Cd)	ND	--	10	Pass
	(Pb)	ND	--	10	Pass
	(Hg)	ND	--	10	Pass
	(Cr ⁶⁺)	ND	--	10	Pass
	(PBBs)	ND	--	50	Pass
	(PBDEs)	ND	--	50	Pass
	Di-(2-ethylhexyl) Phthalate (DEHP)	--	ND	50	Pass
	Benzylbutyl Phthalate (BBP)	--	ND	50	Pass
	Dibutyl Phthalate (DBP)	--	ND	50	Pass
	Diisobutyl phthalate (DIBP)	--	ND	50	Pass

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Part No.	Test Substance	Results of EDXRF(mg/kg)	Results of Wet Chemical Testing(mg/kg)	MDL(mg/kg)	Verdict
M005	(Cd)	ND	--	10	Pass
	(Pb)	ND	--	10	Pass
	(Hg)	ND	--	10	Pass
	(Cr ⁶⁺)	ND	--	10	Pass
	(PBBs)	ND	--	50	Pass
	(PBDEs)	ND	--	50	Pass
	Di-(2-ethylhexyl) Phthalate (DEHP)	--	ND	50	Pass
	Benzylbutyl Phthalate (BBP)	--	ND	50	Pass
	Dibutyl Phthalate (DBP)	--	ND	50	Pass
	Diisobutyl phthalate (DIBP)	--	ND	50	Pass
M006	(Cd)	ND	--	10	Pass
	(Pb)	ND	--	10	Pass
	(Hg)	ND	--	10	Pass
	(Cr ⁶⁺)	ND	--	10	Pass
	(PBBs)	ND	--	50	Pass
	(PBDEs)	ND	--	50	Pass
	Di-(2-ethylhexyl) Phthalate (DEHP)	--	ND	50	Pass
	Benzylbutyl Phthalate (BBP)	--	ND	50	Pass
	Dibutyl Phthalate (DBP)	--	ND	50	Pass
	Diisobutyl phthalate (DIBP)	--	ND	50	Pass

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Part No.	Test Substance	Results of EDXRF(mg/kg)	Results of Wet Chemical Testing(mg/kg)	MDL(mg/kg)	Verdict
M007	(Cd)	ND	--	10	Pass
	(Pb)	ND	--	10	Pass
	(Hg)	ND	--	10	Pass
	(Cr ⁶⁺)	ND	--	10	Pass
	(PBBs)	ND	--	50	Pass
	(PBDEs)	ND	--	50	Pass
	Di-(2-ethylhexyl) Phthalate (DEHP)	--	ND	50	Pass
	Benzylbutyl Phthalate (BBP)	--	ND	50	Pass
	Dibutyl Phthalate (DBP)	--	ND	50	Pass
	Diisobutyl phthalate (DIBP)	--	ND	50	Pass
M008	(Cd)	ND	--	10	Pass
	(Pb)	ND	--	10	Pass
	(Hg)	ND	--	10	Pass
	(Cr ⁶⁺)	ND	--	10	Pass
	(PBBs)	ND	--	50	Pass
	(PBDEs)	ND	--	50	Pass
	Di-(2-ethylhexyl) Phthalate (DEHP)	--	ND	50	Pass
	Benzylbutyl Phthalate (BBP)	--	ND	50	Pass
	Dibutyl Phthalate (DBP)	--	ND	50	Pass
	Diisobutyl phthalate (DIBP)	--	ND	50	Pass

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Part No.	Test Substance	Results of EDXRF(mg/kg)	Results of Wet Chemical Testing(mg/kg)	MDL(mg/kg)	Verdict
M009	(Cd)	ND	--	10	Pass
	(Pb)	ND	--	10	Pass
	(Hg)	ND	--	10	Pass
	(Cr ⁶⁺)	ND	--	10	Pass
	(PBBs)	ND	--	50	Pass
	(PBDEs)	ND	--	50	Pass
	Di-(2-ethylhexyl) Phthalate (DEHP)	--	ND	50	Pass
	Benzylbutyl Phthalate (BBP)	--	ND	50	Pass
	Dibutyl Phthalate (DBP)	--	ND	50	Pass
	Diisobutyl phthalate (DIBP)	--	ND	50	Pass
M010	(Cd)	ND	--	10	Pass
	(Pb)	ND	--	10	Pass
	(Hg)	ND	--	10	Pass
	(Cr ⁶⁺)	ND	--	10	Pass
	(PBBs)	ND	--	50	Pass
	(PBDEs)	ND	--	50	Pass
	Di-(2-ethylhexyl) Phthalate (DEHP)	--	ND	50	Pass
	Benzylbutyl Phthalate (BBP)	--	ND	50	Pass
	Dibutyl Phthalate (DBP)	--	ND	50	Pass
	Diisobutyl phthalate (DIBP)	--	ND	50	Pass

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M011	(Cd)	ND	--	10	Pass
	(Pb)	ND	--	10	Pass
	(Hg)	ND	--	10	Pass
	(Cr ⁶⁺)	ND	--	10	Pass
	(PBBs)	ND	--	50	Pass
	(PBDEs)	ND	--	50	Pass
	Di-(2-ethylhexyl) Phthalate (DEHP)	--	ND	50	Pass
	Benzylbutyl Phthalate (BBP)	--	ND	50	Pass
	Dibutyl Phthalate (DBP)	--	ND	50	Pass
	Diisobutyl phthalate (DIBP)	--	ND	50	Pass
M012	(Cd)	ND	--	10	Pass
	(Pb)	ND	--	10	Pass
	(Hg)	ND	--	10	Pass
	(Cr ⁶⁺)	ND	--	10	Pass
	(PBBs)	ND	--	50	Pass
	(PBDEs)	ND	--	50	Pass
	Di-(2-ethylhexyl) Phthalate (DEHP)	--	ND	50	Pass
	Benzylbutyl Phthalate (BBP)	--	ND	50	Pass
	Dibutyl Phthalate (DBP)	--	ND	50	Pass
	Diisobutyl phthalate (DIBP)	--	ND	50	Pass

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M013	(Cd)	ND	--	10	Pass
	(Pb)	ND	--	10	Pass
	(Hg)	ND	--	10	Pass
	(Cr ⁶⁺)	ND	--	10	Pass
	(PBBs)	ND	--	50	Pass
	(PBDEs)	ND	--	50	Pass
	Di-(2-ethylhexyl) Phthalate (DEHP)	--	ND	50	Pass
	Benzylbutyl Phthalate (BBP)	--	ND	50	Pass
	Dibutyl Phthalate (DBP)	--	ND	50	Pass
M014	Diisobutyl phthalate (DIBP)	--	ND	50	Pass
	(Cd)	ND	--	10	Pass
	(Pb)	ND	--	10	Pass
	(Hg)	ND	--	10	Pass
	(Cr ⁶⁺)	ND	--	10	Pass
	(PBBs)	ND	--	50	Pass
	(PBDEs)	ND	--	50	Pass
	Di-(2-ethylhexyl) Phthalate (DEHP)	--	ND	50	Pass
	Benzylbutyl Phthalate (BBP)	--	ND	50	Pass
	Dibutyl Phthalate (DBP)	--	ND	50	Pass
	Diisobutyl phthalate (DIBP)	--	ND	50	Pass

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M015	(Cd)	ND	--	10	Pass
	(Pb)	ND	--	10	Pass
	(Hg)	ND	--	10	Pass
	(Cr ⁶⁺)	ND	--	10	Pass
	(PBBs)	ND	--	50	Pass
	(PBDEs)	ND	--	50	Pass
	Di-(2-ethylhexyl) Phthalate (DEHP)	--	ND	50	Pass
	Benzylbutyl Phthalate (BBP)	--	ND	50	Pass
	Dibutyl Phthalate (DBP)	--	ND	50	Pass
M016	Diisobutyl phthalate (DIBP)	--	ND	50	Pass
	(Cd)	ND	--	10	Pass
	(Pb)	ND	--	10	Pass
	(Hg)	ND	--	10	Pass
	(Cr ⁶⁺)	ND	--	10	Pass
	(PBBs)	ND	--	50	Pass
	(PBDEs)	ND	--	50	Pass
	Di-(2-ethylhexyl) Phthalate (DEHP)	--	ND	50	Pass
	Benzylbutyl Phthalate (BBP)	--	ND	50	Pass
	Dibutyl Phthalate (DBP)	--	ND	50	Pass
	Diisobutyl phthalate (DIBP)	--	ND	50	Pass

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M017	(Cd)	ND	--	10	Pass
	(Pb)	ND	--	10	Pass
	(Hg)	ND	--	10	Pass
	(Cr ⁶⁺)	ND	--	10	Pass
	(PBBs)	ND	--	50	Pass
	(PBDEs)	ND	--	50	Pass
	Di-(2-ethylhexyl) Phthalate (DEHP)	--	ND	50	Pass
	Benzylbutyl Phthalate (BBP)	--	ND	50	Pass
	Dibutyl Phthalate (DBP)	--	ND	50	Pass
	Diisobutyl phthalate (DIBP)	--	ND	50	Pass
M018	(Cd)	ND	--	10	Pass
	(Pb)	ND	--	10	Pass
	(Hg)	ND	--	10	Pass
	(Cr ⁶⁺)	ND	--	10	Pass
	(PBBs)	ND	--	50	Pass
	(PBDEs)	ND	--	50	Pass
	Di-(2-ethylhexyl) Phthalate (DEHP)	--	ND	50	Pass
	Benzylbutyl Phthalate (BBP)	--	ND	50	Pass
	Dibutyl Phthalate (DBP)	--	ND	50	Pass
	Diisobutyl phthalate (DIBP)	--	ND	50	Pass

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Part No.	Test Substance	Results of EDXRF(mg/kg)	Results of Wet Chemical Testing(mg/kg)	MDL(mg/kg)	Verdict
M019	(Cd)	ND	--	10	Pass
	(Pb)	ND	--	10	Pass
	(Hg)	ND	--	10	Pass
	(Cr ⁶⁺)	ND	--	10	Pass
	(PBBs)	ND	--	50	Pass
	(PBDEs)	ND	--	50	Pass
	Di-(2-ethylhexyl) Phthalate (DEHP)	--	ND	50	Pass
	Benzylbutyl Phthalate (BBP)	--	ND	50	Pass
	Dibutyl Phthalate (DBP)	--	ND	50	Pass
	Diisobutyl phthalate (DIBP)	--	ND	50	Pass
M020	(Cd)	ND	--	10	Pass
	(Pb)	ND	--	10	Pass
	(Hg)	ND	--	10	Pass
	(Cr ⁶⁺)	ND	Negative	--	Pass
	(PBBs)	--	--	--	NA
	(PBDEs)	--	--	--	NA
	Di-(2-ethylhexyl) Phthalate (DEHP)	--	--	--	NA
	Benzylbutyl Phthalate (BBP)	--	--	--	NA
	Dibutyl Phthalate (DBP)	--	--	--	NA
	Diisobutyl phthalate (DIBP)	--	--	--	NA

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M021	(Cd)	ND	--	10	Pass
	(Pb)	ND	--	10	Pass
	(Hg)	ND	--	10	Pass
	(Cr ⁶⁺)	ND	--	10	Pass
	(PBBs)	ND	--	50	Pass
	(PBDEs)	ND	--	50	Pass
	Di-(2-ethylhexyl) Phthalate (DEHP)	--	ND	50	Pass
	Benzylbutyl Phthalate (BBP)	--	ND	50	Pass
	Dibutyl Phthalate (DBP)	--	ND	50	Pass
	Diisobutyl phthalate (DIBP)	--	ND	50	Pass
M022	(Cd)	ND	--	10	Pass
	(Pb)	ND	--	10	Pass
	(Hg)	ND	--	10	Pass
	(Cr ⁶⁺)	ND	Negative	--	Pass
	(PBBs)	--	--	--	NA
	(PBDEs)	--	--	--	NA
	Di-(2-ethylhexyl) Phthalate (DEHP)	--	--	--	NA
	Benzylbutyl Phthalate (BBP)	--	--	--	NA
	Dibutyl Phthalate (DBP)	--	--	--	NA
	Diisobutyl phthalate (DIBP)	--	--	--	NA

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M023	(Cd)	ND	--	10	Pass
	(Pb)	ND	--	10	Pass
	(Hg)	ND	--	10	Pass
	(Cr ⁶⁺)	ND	--	10	Pass
	(PBBs)	ND	--	50	Pass
	(PBDEs)	ND	--	50	Pass
	Di-(2-ethylhexyl) Phthalate (DEHP)	--	ND	50	Pass
	Benzylbutyl Phthalate (BBP)	--	ND	50	Pass
	Dibutyl Phthalate (DBP)	--	ND	50	Pass
M024	Diisobutyl phthalate (DIBP)	--	ND	50	Pass
	(Cd)	ND	--	10	Pass
	(Pb)	ND	--	10	Pass
	(Hg)	ND	--	10	Pass
	(Cr ⁶⁺)	ND	Negative	--	Pass
	(PBBs)	--	--	--	NA
	(PBDEs)	--	--	--	NA
	Di-(2-ethylhexyl) Phthalate (DEHP)	--	--	--	NA
	Benzylbutyl Phthalate (BBP)	--	--	--	NA
	Dibutyl Phthalate (DBP)	--	--	--	NA
	Diisobutyl phthalate (DIBP)	--	--	--	NA

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M025	(Cd)	ND	--	10	Pass
	(Pb)	ND	--	10	Pass
	(Hg)	ND	--	10	Pass
	(Cr ⁶⁺)	ND	--	10	Pass
	(PBBs)	ND	--	50	Pass
	(PBDEs)	ND	--	50	Pass
	Di-(2-ethylhexyl) Phthalate (DEHP)	--	ND	50	Pass
	Benzylbutyl Phthalate (BBP)	--	ND	50	Pass
	Dibutyl Phthalate (DBP)	--	ND	50	Pass
	Diisobutyl phthalate (DIBP)	--	ND	50	Pass
M026	(Cd)	ND	--	10	Pass
	(Pb)	ND	--	10	Pass
	(Hg)	ND	--	10	Pass
	(Cr ⁶⁺)	ND	Negative	--	Pass
	(PBBs)	--	--	--	NA
	(PBDEs)	--	--	--	NA
	Di-(2-ethylhexyl) Phthalate (DEHP)	--	--	--	NA
	Benzylbutyl Phthalate (BBP)	--	--	--	NA
	Dibutyl Phthalate (DBP)	--	--	--	NA
	Diisobutyl phthalate (DIBP)	--	--	--	NA

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M027	(Cd)	ND	--	10	Pass
	(Pb)	ND	--	10	Pass
	(Hg)	ND	--	10	Pass
	(Cr ⁶⁺)	ND	--	10	Pass
	(PBBs)	ND	--	50	Pass
	(PBDEs)	ND	--	50	Pass
	Di-(2-ethylhexyl) Phthalate (DEHP)	--	ND	50	Pass
	Benzylbutyl Phthalate (BBP)	--	ND	50	Pass
	Dibutyl Phthalate (DBP)	--	ND	50	Pass
	Diisobutyl phthalate (DIBP)	--	ND	50	Pass
M028	(Cd)	ND	--	10	Pass
	(Pb)	ND	--	10	Pass
	(Hg)	ND	--	10	Pass
	(Cr ⁶⁺)	ND	--	10	Pass
	(PBBs)	ND	--	50	Pass
	(PBDEs)	ND	--	50	Pass
	Di-(2-ethylhexyl) Phthalate (DEHP)	--	ND	50	Pass
	Benzylbutyl Phthalate (BBP)	--	ND	50	Pass
	Dibutyl Phthalate (DBP)	--	ND	50	Pass
	Diisobutyl phthalate (DIBP)	--	ND	50	Pass

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M029	(Cd)	ND	--	10	Pass
	(Pb)	ND	--	10	Pass
	(Hg)	ND	--	10	Pass
	(Cr ⁶⁺)	ND	--	10	Pass
	(PBBs)	ND	--	50	Pass
	(PBDEs)	ND	--	50	Pass
	Di-(2-ethylhexyl) Phthalate (DEHP)	--	ND	50	Pass
	Benzylbutyl Phthalate (BBP)	--	ND	50	Pass
	Dibutyl Phthalate (DBP)	--	ND	50	Pass
	Diisobutyl phthalate (DIBP)	--	ND	50	Pass
M030	(Cd)	ND	--	10	Pass
	(Pb)	ND	--	10	Pass
	(Hg)	ND	--	10	Pass
	(Cr ⁶⁺)	ND	Negative	--	Pass
	(PBBs)	--	--	--	NA
	(PBDEs)	--	--	--	NA
	Di-(2-ethylhexyl) Phthalate (DEHP)	--	--	--	NA
	Benzylbutyl Phthalate (BBP)	--	--	--	NA
	Dibutyl Phthalate (DBP)	--	--	--	NA
	Diisobutyl phthalate (DIBP)	--	--	--	NA

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M031	(Cd)	ND	--	10	Pass
	(Pb)	ND	--	10	Pass
	(Hg)	ND	--	10	Pass
	(Cr ⁶⁺)	ND	--	10	Pass
	(PBBs)	ND	--	50	Pass
	(PBDEs)	ND	--	50	Pass
	Di-(2-ethylhexyl) Phthalate (DEHP)	--	ND	50	Pass
	Benzylbutyl Phthalate (BBP)	--	ND	50	Pass
	Dibutyl Phthalate (DBP)	--	ND	50	Pass
M032	Diisobutyl phthalate (DIBP)	--	ND	50	Pass
	(Cd)	ND	--	10	Pass
	(Pb)	ND	--	10	Pass
	(Hg)	ND	--	10	Pass
	(Cr ⁶⁺)	ND	Negative	--	Pass
	(PBBs)	--	--	--	NA
	(PBDEs)	--	--	--	NA
	Di-(2-ethylhexyl) Phthalate (DEHP)	--	--	--	NA
	Benzylbutyl Phthalate (BBP)	--	--	--	NA
	Dibutyl Phthalate (DBP)	--	--	--	NA
	Diisobutyl phthalate (DIBP)	--	--	--	NA

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M033	(Cd)	ND	--	10	Pass
	(Pb)	ND	--	10	Pass
	(Hg)	ND	--	10	Pass
	(Cr ⁶⁺)	ND	--	10	Pass
	(PBBs)	ND	--	50	Pass
	(PBDEs)	ND	--	50	Pass
	Di-(2-ethylhexyl) Phthalate (DEHP)	--	ND	50	Pass
	Benzylbutyl Phthalate (BBP)	--	ND	50	Pass
	Dibutyl Phthalate (DBP)	--	ND	50	Pass
	Diisobutyl phthalate (DIBP)	--	ND	50	Pass
M034	(Cd)	ND	--	10	Pass
	(Pb)	ND	--	10	Pass
	(Hg)	ND	--	10	Pass
	(Cr ⁶⁺)	ND	Negative	--	Pass
	(PBBs)	--	--	--	NA
	(PBDEs)	--	--	--	NA
	Di-(2-ethylhexyl) Phthalate (DEHP)	--	--	--	NA
	Benzylbutyl Phthalate (BBP)	--	--	--	NA
	Dibutyl Phthalate (DBP)	--	--	--	NA
	Diisobutyl phthalate (DIBP)	--	--	--	NA

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M035	(Cd)	ND	--	10	Pass
	(Pb)	ND	--	10	Pass
	(Hg)	ND	--	10	Pass
	(Cr ⁶⁺)	ND	--	10	Pass
	(PBBs)	ND	--	50	Pass
	(PBDEs)	ND	--	50	Pass
	Di-(2-ethylhexyl) Phthalate (DEHP)	--	ND	50	Pass
	Benzylbutyl Phthalate (BBP)	--	ND	50	Pass
	Dibutyl Phthalate (DBP)	--	ND	50	Pass
	Diisobutyl phthalate (DIBP)	--	ND	50	Pass
M036	(Cd)	ND	--	10	Pass
	(Pb)	ND	--	10	Pass
	(Hg)	ND	--	10	Pass
	(Cr ⁶⁺)	ND	Negative	--	Pass
	(PBBs)	--	--	--	NA
	(PBDEs)	--	--	--	NA
	Di-(2-ethylhexyl) Phthalate (DEHP)	--	--	--	NA
	Benzylbutyl Phthalate (BBP)	--	--	--	NA
	Dibutyl Phthalate (DBP)	--	--	--	NA
	Diisobutyl phthalate (DIBP)	--	--	--	NA

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M037	(Cd)	ND	--	10	Pass
	(Pb)	ND	--	10	Pass
	(Hg)	ND	--	10	Pass
	(Cr ⁶⁺)	ND	--	10	Pass
	(PBBs)	ND	--	50	Pass
	(PBDEs)	ND	--	50	Pass
	Di-(2-ethylhexyl) Phthalate (DEHP)	--	ND	50	Pass
	Benzylbutyl Phthalate (BBP)	--	ND	50	Pass
	Dibutyl Phthalate (DBP)	--	ND	50	Pass
	Diisobutyl phthalate (DIBP)	--	ND	50	Pass
M038	(Cd)	ND	--	10	Pass
	(Pb)	ND	--	10	Pass
	(Hg)	ND	--	10	Pass
	(Cr ⁶⁺)	ND	Negative	--	Pass
	(PBBs)	--	--	--	NA
	(PBDEs)	--	--	--	NA
	Di-(2-ethylhexyl) Phthalate (DEHP)	--	--	--	NA
	Benzylbutyl Phthalate (BBP)	--	--	--	NA
	Dibutyl Phthalate (DBP)	--	--	--	NA
	Diisobutyl phthalate (DIBP)	--	--	--	NA

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Part No.	Test Substance	Results of EDXRF(mg/kg)	Results of Wet Chemical Testing(mg/kg)	MDL(mg/kg)	Verdict
M039	(Cd)	ND	--	10	Pass
	(Pb)	ND	--	10	Pass
	(Hg)	ND	--	10	Pass
	(Cr ⁶⁺)	ND	--	10	Pass
	(PBBs)	3.0×10 ⁴	ND	50	Pass
	(PBDEs)		ND	50	Pass
	Di-(2-ethylhexyl) Phthalate (DEHP)	--	ND	50	Pass
	Benzylbutyl Phthalate (BBP)	--	ND	50	Pass
	Dibutyl Phthalate (DBP)	--	ND	50	Pass
	Diisobutyl phthalate (DIBP)	--	ND	50	Pass
M040	(Cd)	ND	--	10	Pass
	(Pb)	ND	--	10	Pass
	(Hg)	ND	--	10	Pass
	(Cr ⁶⁺)	ND	Negative	--	Pass
	(PBBs)	--	--	--	NA
	(PBDEs)	--	--	--	NA
	Di-(2-ethylhexyl) Phthalate (DEHP)	--	--	--	NA
	Benzylbutyl Phthalate (BBP)	--	--	--	NA
	Dibutyl Phthalate (DBP)	--	--	--	NA
	Diisobutyl phthalate (DIBP)	--	--	--	NA

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Part No.	Test Substance	Results of EDXRF(mg/kg)	Results of Wet Chemical Testing(mg/kg)	MDL(mg/kg)	Verdict
M041	(Cd)	ND	--	10	Pass
	(Pb)	ND	--	10	Pass
	(Hg)	ND	--	10	Pass
	(Cr ⁶⁺)	ND	--	10	Pass
	(PBBs)	ND	--	50	Pass
	(PBDEs)	ND	--	50	Pass
	Di-(2-ethylhexyl) Phthalate (DEHP)	--	ND	50	Pass
	Benzylbutyl Phthalate (BBP)	--	ND	50	Pass
	Dibutyl Phthalate (DBP)	--	ND	50	Pass
	Diisobutyl phthalate (DIBP)	--	ND	50	Pass
M042	(Cd)	ND	--	10	Pass
	(Pb)	ND	--	10	Pass
	(Hg)	ND	--	10	Pass
	(Cr ⁶⁺)	ND	Negative	--	Pass
	(PBBs)	--	--	--	NA
	(PBDEs)	--	--	--	NA
	Di-(2-ethylhexyl) Phthalate (DEHP)	--	--	--	NA
	Benzylbutyl Phthalate (BBP)	--	--	--	NA
	Dibutyl Phthalate (DBP)	--	--	--	NA
	Diisobutyl phthalate (DIBP)	--	--	--	NA

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M043	(Cd)	ND	--	10	Pass
	(Pb)	ND	--	10	Pass
	(Hg)	ND	--	10	Pass
	(Cr ⁶⁺)	ND	--	10	Pass
	(PBBs)	ND	--	50	Pass
	(PBDEs)	ND	--	50	Pass
	Di-(2-ethylhexyl) Phthalate (DEHP)	--	ND	50	Pass
	Benzylbutyl Phthalate (BBP)	--	ND	50	Pass
	Dibutyl Phthalate (DBP)	--	ND	50	Pass
M044	Diisobutyl phthalate (DIBP)	--	ND	50	Pass
	(Cd)	ND	--	10	Pass
	(Pb)	ND	--	10	Pass
	(Hg)	ND	--	10	Pass
	(Cr ⁶⁺)	ND	Negative	--	Pass
	(PBBs)	--	--	--	NA
	(PBDEs)	--	--	--	NA
	Di-(2-ethylhexyl) Phthalate (DEHP)	--	--	--	NA
	Benzylbutyl Phthalate (BBP)	--	--	--	NA
	Dibutyl Phthalate (DBP)	--	--	--	NA
	Diisobutyl phthalate (DIBP)	--	--	--	NA

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M045	(Cd)	ND	--	10	Pass
	(Pb)	ND	--	10	Pass
	(Hg)	ND	--	10	Pass
	(Cr ⁶⁺)	ND	--	10	Pass
	(PBBs)	ND	--	50	Pass
	(PBDEs)	ND	--	50	Pass
	Di-(2-ethylhexyl) Phthalate (DEHP)	--	ND	50	Pass
	Benzylbutyl Phthalate (BBP)	--	ND	50	Pass
	Dibutyl Phthalate (DBP)	--	ND	50	Pass
M046	Diisobutyl phthalate (DIBP)	--	ND	50	Pass
	(Cd)	ND	--	10	Pass
	(Pb)	ND	--	10	Pass
	(Hg)	ND	--	10	Pass
	(Cr ⁶⁺)	ND	Negative	--	Pass
	(PBBs)	--	--	--	NA
	(PBDEs)	--	--	--	NA
	Di-(2-ethylhexyl) Phthalate (DEHP)	--	--	--	NA
	Benzylbutyl Phthalate (BBP)	--	--	--	NA
	Dibutyl Phthalate (DBP)	--	--	--	NA
	Diisobutyl phthalate (DIBP)	--	--	--	NA

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M047	(Cd)	ND	--	10	Pass
	(Pb)	ND	--	10	Pass
	(Hg)	ND	--	10	Pass
	(Cr ⁶⁺)	ND	--	10	Pass
	(PBBs)	ND	--	50	Pass
	(PBDEs)	ND	--	50	Pass
	Di-(2-ethylhexyl) Phthalate (DEHP)	--	ND	50	Pass
	Benzylbutyl Phthalate (BBP)	--	ND	50	Pass
	Dibutyl Phthalate (DBP)	--	ND	50	Pass
	Diisobutyl phthalate (DIBP)	--	ND	50	Pass
M048	(Cd)	ND	--	10	Pass
	(Pb)	ND	--	10	Pass
	(Hg)	ND	--	10	Pass
	(Cr ⁶⁺)	ND	--	10	Pass
	(PBBs)	ND	--	50	Pass
	(PBDEs)	ND	--	50	Pass
	Di-(2-ethylhexyl) Phthalate (DEHP)	--	ND	50	Pass
	Benzylbutyl Phthalate (BBP)	--	ND	50	Pass
	Dibutyl Phthalate (DBP)	--	ND	50	Pass
	Diisobutyl phthalate (DIBP)	--	ND	50	Pass

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M049	(Cd)	ND	--	10	Pass
	(Pb)	ND	--	10	Pass
	(Hg)	ND	--	10	Pass
	(Cr ⁶⁺)	ND	--	10	Pass
	(PBBs)	ND	--	50	Pass
	(PBDEs)	ND	--	50	Pass
	Di-(2-ethylhexyl) Phthalate (DEHP)	--	ND	50	Pass
	Benzylbutyl Phthalate (BBP)	--	ND	50	Pass
	Dibutyl Phthalate (DBP)	--	ND	50	Pass
M050	Diisobutyl phthalate (DIBP)	--	ND	50	Pass
	(Cd)	ND	--	10	Pass
	(Pb)	ND	--	10	Pass
	(Hg)	ND	--	10	Pass
	(Cr ⁶⁺)	ND	Negative	--	Pass
	(PBBs)	--	--	--	NA
	(PBDEs)	--	--	--	NA
	Di-(2-ethylhexyl) Phthalate (DEHP)	--	--	--	NA
	Benzylbutyl Phthalate (BBP)	--	--	--	NA
	Dibutyl Phthalate (DBP)	--	--	--	NA
	Diisobutyl phthalate (DIBP)	--	--	--	NA

Remarks:

- 1) 1mg/kg = 0.0001%
- 2) ND= Not Detected(<MDL)
- 3) "--" =No Testing or blank.
- 4) NA= Not Applicable

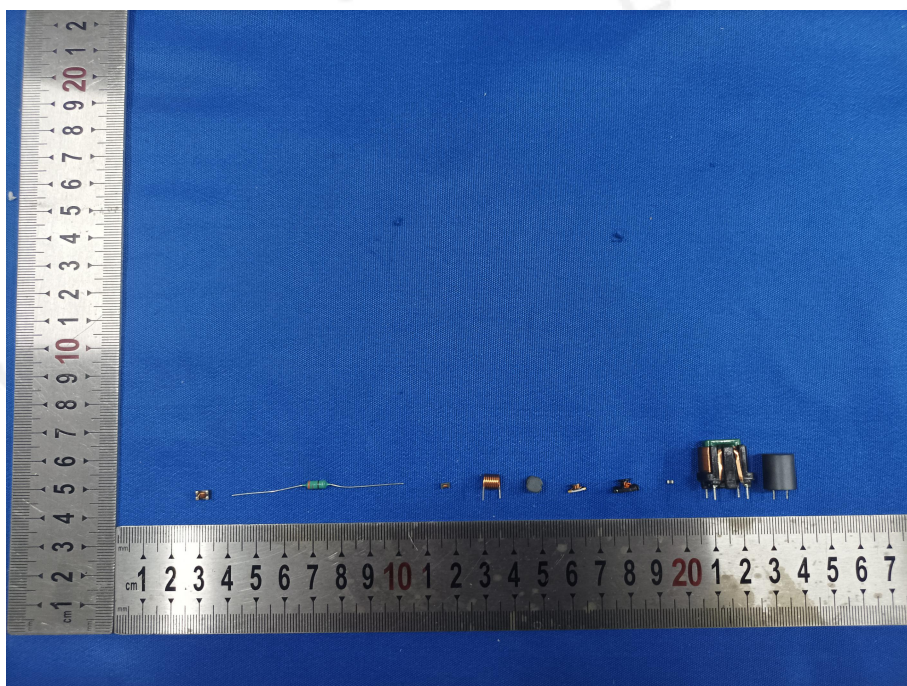
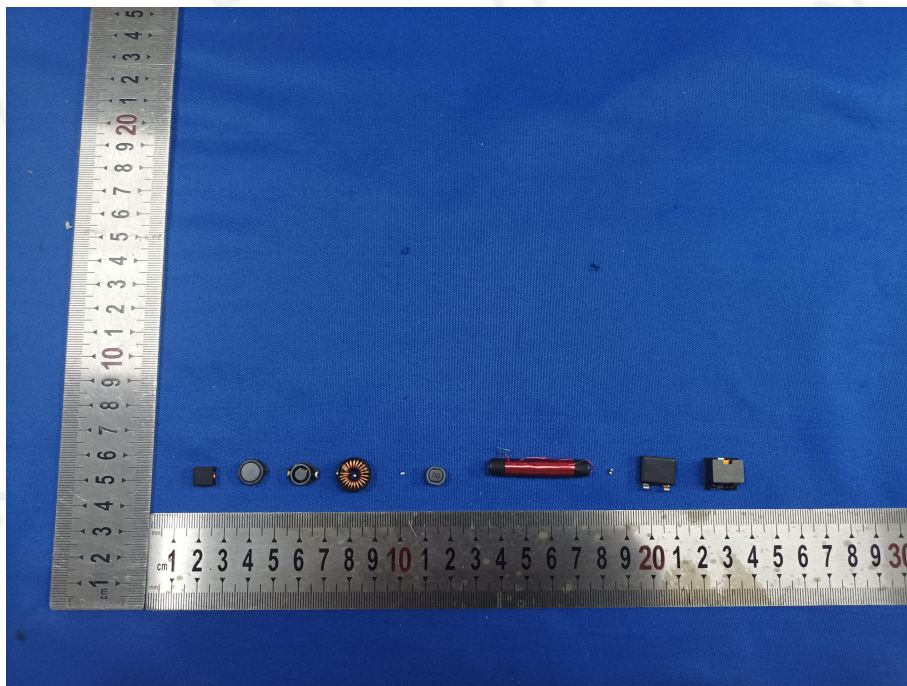
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5、Sample Photo(s)



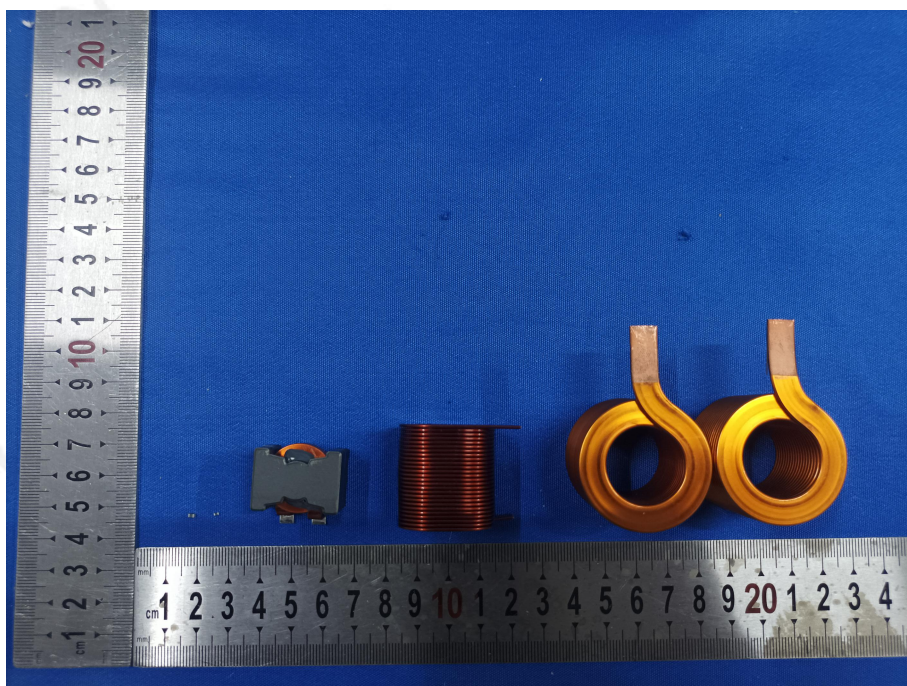
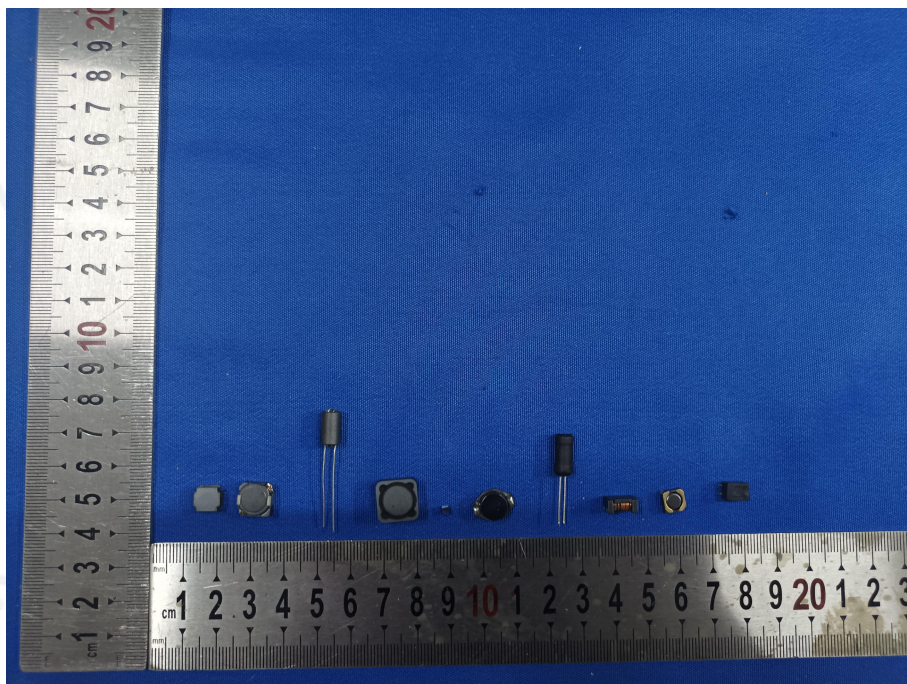
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Sample pictures are only used to inform the applicant that the samples received and tested in our laboratory are shown in the picture, and do not prove the appearance and quality of the applicant's products.

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



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