

Shenzhen Most Technology Service Co., Limited

No.5, Nangshan 2th Rd., North Hi-Tech Industrial park, Nanshan Shenzhen Guangdong, China

Tel:(86) 755-86026850

Http:// www.szmost.com

Report No.: MTHN19110179

Fax:(86) 755-26013350

Email: szmost@szmost.com

Customer : Sharkoon Technologies GmbH

Address : Grüninger Weg 48 35415 Pohlheim | Germany

Report on the submitted sample said to be

Sample name : Hi-Res Type C Audio Adapter

Model name : Sharkoon Mobile DAC

Item/Lot No. : --

Material : --

Trademark : Sharkoon

Buyer : --

Supplier : --

Manufacturer : Sharkoon Technologies GmbH

Address : Grüninger Weg 48 35415 Pohlheim | Germany

Date of receipt of test item: 2019-11-5

Date (s) of performance of tests: 2019-11-06 to 2019-11-14

RESULTS: (PASS) Please refer to next page.

Summary of Test Results:

TEST REQUEST

A EU RoHS Directive 2011/65/EU & (EU) 2015/863 and its amendment directives(RoHS 2.0)

CONCLUSION

Pass

*****FOR FURTHER DETAILS, PLEASE REFER TO THE FOLLOWING PAGE (S) *****

Signed for Most Technology Service Co., Limited

Written by:

QAH

Inspected by:

Jack Olney

Approved by:

Yetter



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Consolidation of Test Data

No.	Test Sample		Test Data(ppm)	Limits	Remark:
	(BOM) Part No.	Location			
1	SE-CONH-CM-SM-01	CON1	Cd: N.D. Pb: N.D. Hg: N.D. Cr ⁶⁺ : N.D. PBBs: N.D. PBDEs: N.D. DBP: ND BBP: ND DEHP:ND DIBP: ND	Cd: 0.01%(100mg/kg) Pb: 0.1%(1000mg/kg) Hg: 0.1%(1000mg/kg) Cr ⁶⁺ : 0.1%(1000mg/kg) PBBs: 0.1%(1000mg/kg) PBDEs: 0.1%(1000mg/kg) DBP: 0.1%(1000mg/kg) BBP: 0.1%(1000mg/kg) DEHP: 0.1%(1000mg/kg) DIBP: 0.1%(1000mg/kg)	--
2	SE-SWTS-TCT-03M2-WT	SW3	Cd: N.D. Pb: N.D. Hg: N.D. Cr ⁶⁺ : N.D. PBBs: N.D. PBDEs: N.D. DBP: ND BBP: ND DEHP:ND DIBP: ND	Cd: 0.01%(100mg/kg) Pb: 0.1%(1000mg/kg) Hg: 0.1%(1000mg/kg) Cr ⁶⁺ : 0.1%(1000mg/kg) PBBs: 0.1%(1000mg/kg) PBDEs: 0.1%(1000mg/kg) DBP: 0.1%(1000mg/kg) BBP: 0.1%(1000mg/kg) DEHP: 0.1%(1000mg/kg) DIBP: 0.1%(1000mg/kg)	--
3	SE-CAPC-0402-Z-104	C3, C14, C31	Cd: N.D. Pb: N.D. Hg: N.D. Cr ⁶⁺ : N.D. PBBs: N.D. PBDEs: N.D. DBP: ND BBP: ND DEHP:ND DIBP: ND	Cd: 0.01%(100mg/kg) Pb: 0.1%(1000mg/kg) Hg: 0.1%(1000mg/kg) Cr ⁶⁺ : 0.1%(1000mg/kg) PBBs: 0.1%(1000mg/kg) PBDEs: 0.1%(1000mg/kg) DBP: 0.1%(1000mg/kg) BBP: 0.1%(1000mg/kg) DEHP: 0.1%(1000mg/kg) DIBP: 0.1%(1000mg/kg)	--
4	SE-CAPC-0402-Z-105	C4, C17, C11,C18, C19,C22, C24,C25, C26,C30	Cd: N.D. Pb: N.D. Hg: N.D. Cr ⁶⁺ : N.D. PBBs: N.D. PBDEs: N.D. DBP: ND	Cd: 0.01%(100mg/kg) Pb: 0.1%(1000mg/kg) Hg: 0.1%(1000mg/kg) Cr ⁶⁺ : 0.1%(1000mg/kg) PBBs: 0.1%(1000mg/kg) PBDEs: 0.1%(1000mg/kg) DBP: 0.1%(1000mg/kg)	--

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			BBP: ND DEHP:ND DIBP: ND	BBP: 0.1%(1000mg/kg) DEHP: 0.1%(1000mg/kg) DIBP: 0.1%(1000mg/kg)	
5	SE-CAPC-0402-M-106	C5,C10, C15,C20	Cd: N.D. Pb: N.D. Hg: N.D. Cr ⁶⁺ : N.D. PBBs: N.D. PBDEs: N.D. DBP: ND BBP: ND DEHP:ND DIBP: ND	Cd: 0.01%(100mg/kg) Pb: 0.1%(1000mg/kg) Hg: 0.1%(1000mg/kg) Cr ⁶⁺ : 0.1%(1000mg/kg) PBBs: 0.1%(1000mg/kg) PBDEs: 0.1%(1000mg/kg) DBP: 0.1%(1000mg/kg) BBP: 0.1%(1000mg/kg) DEHP: 0.1%(1000mg/kg) DIBP: 0.1%(1000mg/kg)	--
6	SE-CAPC-0402-J-68X	C8,C16	Cd: N.D. Pb: N.D. Hg: N.D. Cr ⁶⁺ : N.D. PBBs: N.D. PBDEs: N.D. DBP: ND BBP: ND DEHP:ND DIBP: ND	Cd: 0.01%(100mg/kg) Pb: 0.1%(1000mg/kg) Hg: 0.1%(1000mg/kg) Cr ⁶⁺ : 0.1%(1000mg/kg) PBBs: 0.1%(1000mg/kg) PBDEs: 0.1%(1000mg/kg) DBP: 0.1%(1000mg/kg) BBP: 0.1%(1000mg/kg) DEHP: 0.1%(1000mg/kg) DIBP: 0.1%(1000mg/kg)	--
7	SE-CAPC-0402-K-225	C29	Cd: N.D. Pb: N.D. Hg: N.D. Cr ⁶⁺ : N.D. PBBs: N.D. PBDEs: N.D. DBP: ND BBP: ND DEHP:ND DIBP: ND	Cd: 0.01%(100mg/kg) Pb: 0.1%(1000mg/kg) Hg: 0.1%(1000mg/kg) Cr ⁶⁺ : 0.1%(1000mg/kg) PBBs: 0.1%(1000mg/kg) PBDEs: 0.1%(1000mg/kg) DBP: 0.1%(1000mg/kg) BBP: 0.1%(1000mg/kg) DEHP: 0.1%(1000mg/kg) DIBP: 0.1%(1000mg/kg)	--
8	SE-RES1-0402-1030	R3,R41, R42,R30	Cd: N.D. Pb: N.D. Hg: N.D. Cr ⁶⁺ : N.D. PBBs: N.D. PBDEs: N.D. DBP: ND BBP: ND DEHP:ND DIBP: ND	Cd: 0.01%(100mg/kg) Pb: 0.1%(1000mg/kg) Hg: 0.1%(1000mg/kg) Cr ⁶⁺ : 0.1%(1000mg/kg) PBBs: 0.1%(1000mg/kg) PBDEs: 0.1%(1000mg/kg) DBP: 0.1%(1000mg/kg) BBP: 0.1%(1000mg/kg) DEHP: 0.1%(1000mg/kg) DIBP: 0.1%(1000mg/kg)	--

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9	SE-RES5-0402-3320	R13,R18, R25,R29	Cd: N.D. Pb: N.D. Hg: N.D. Cr ⁶⁺ : N.D. PBBs: N.D. PBDEs: N.D. DBP: ND BBP: ND DEHP:ND DIBP: ND	Cd: 0.01%(100mg/kg) Pb: 0.1%(1000mg/kg) Hg: 0.1%(1000mg/kg) Cr ⁶⁺ : 0.1%(1000mg/kg) PBBs: 0.1%(1000mg/kg) PBDEs: 0.1%(1000mg/kg) DBP: 0.1%(1000mg/kg) BBP: 0.1%(1000mg/kg) DEHP: 0.1%(1000mg/kg) DIBP: 0.1%(1000mg/kg)	--
10	SE-RES5-0402-2230	R1	Cd: N.D. Pb: N.D. Hg: N.D. Cr ⁶⁺ : N.D. PBBs: N.D. PBDEs: N.D. DBP: ND BBP: ND DEHP:ND DIBP: ND	Cd: 0.01%(100mg/kg) Pb: 0.1%(1000mg/kg) Hg: 0.1%(1000mg/kg) Cr ⁶⁺ : 0.1%(1000mg/kg) PBBs: 0.1%(1000mg/kg) PBDEs: 0.1%(1000mg/kg) DBP: 0.1%(1000mg/kg) BBP: 0.1%(1000mg/kg) DEHP: 0.1%(1000mg/kg) DIBP: 0.1%(1000mg/kg)	--
11	SE-RES5-0402-3340	R4	Cd: N.D. Pb: N.D. Hg: N.D. Cr ⁶⁺ : N.D. PBBs: N.D. PBDEs: N.D. DBP: ND BBP: ND DEHP:ND DIBP: ND	Cd: 0.01%(100mg/kg) Pb: 0.1%(1000mg/kg) Hg: 0.1%(1000mg/kg) Cr ⁶⁺ : 0.1%(1000mg/kg) PBBs: 0.1%(1000mg/kg) PBDEs: 0.1%(1000mg/kg) DBP: 0.1%(1000mg/kg) BBP: 0.1%(1000mg/kg) DEHP: 0.1%(1000mg/kg) DIBP: 0.1%(1000mg/kg)	--
12	SE-RES5-0402-2020	R8	Cd: N.D. Pb: N.D. Hg: N.D. Cr ⁶⁺ : N.D. PBBs: N.D. PBDEs: N.D. DBP: ND BBP: ND DEHP:ND DIBP: ND	Cd: 0.01%(100mg/kg) Pb: 0.1%(1000mg/kg) Hg: 0.1%(1000mg/kg) Cr ⁶⁺ : 0.1%(1000mg/kg) PBBs: 0.1%(1000mg/kg) PBDEs: 0.1%(1000mg/kg) DBP: 0.1%(1000mg/kg) BBP: 0.1%(1000mg/kg) DEHP: 0.1%(1000mg/kg) DIBP: 0.1%(1000mg/kg)	--
13	SE-RES1-0402-3021	R15, R19, R21	Cd: N.D. Pb: N.D. Hg: N.D.	Cd: 0.01%(100mg/kg) Pb: 0.1%(1000mg/kg) Hg: 0.1%(1000mg/kg)	--

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			Cr ⁶⁺ : N.D. PBBs: N.D. PBDEs: N.D. DBP: ND BBP: ND DEHP:ND DIBP: ND	Cr ⁶⁺ : 0.1%(1000mg/kg) PBBs: 0.1%(1000mg/kg) PBDEs: 0.1%(1000mg/kg) DBP: 0.1%(1000mg/kg) BBP: 0.1%(1000mg/kg) DEHP: 0.1%(1000mg/kg) DIBP: 0.1%(1000mg/kg)	
14	SE-RES5-0402-5120	R36,R37, R38,R16, R17,R22, R24	Cd: N.D. Pb: N.D. Hg: N.D. Cr ⁶⁺ : N.D. PBBs: N.D. PBDEs: N.D. DBP: ND BBP: ND DEHP:ND DIBP: ND	Cd: 0.01%(100mg/kg) Pb: 0.1%(1000mg/kg) Hg: 0.1%(1000mg/kg) Cr ⁶⁺ : 0.1%(1000mg/kg) PBBs: 0.1%(1000mg/kg) PBDEs: 0.1%(1000mg/kg) DBP: 0.1%(1000mg/kg) BBP: 0.1%(1000mg/kg) DEHP: 0.1%(1000mg/kg) DIBP: 0.1%(1000mg/kg)	--
15	SE-LEDS-0402-ORG-1	D1, D3, D5	Cd: N.D. Pb: N.D. Hg: N.D. Cr ⁶⁺ : N.D. PBBs: N.D. PBDEs: N.D. DBP: ND BBP: ND DEHP:ND DIBP: ND	Cd: 0.01%(100mg/kg) Pb: 0.1%(1000mg/kg) Hg: 0.1%(1000mg/kg) Cr ⁶⁺ : 0.1%(1000mg/kg) PBBs: 0.1%(1000mg/kg) PBDEs: 0.1%(1000mg/kg) DBP: 0.1%(1000mg/kg) BBP: 0.1%(1000mg/kg) DEHP: 0.1%(1000mg/kg) DIBP: 0.1%(1000mg/kg)	--
16	SE-INDW-L2016-4U7	L4	Cd: N.D. Pb: N.D. Hg: N.D. Cr ⁶⁺ : N.D. PBBs: N.D. PBDEs: N.D. DBP: ND BBP: ND DEHP:ND DIBP: ND	Cd: 0.01%(100mg/kg) Pb: 0.1%(1000mg/kg) Hg: 0.1%(1000mg/kg) Cr ⁶⁺ : 0.1%(1000mg/kg) PBBs: 0.1%(1000mg/kg) PBDEs: 0.1%(1000mg/kg) DBP: 0.1%(1000mg/kg) BBP: 0.1%(1000mg/kg) DEHP: 0.1%(1000mg/kg) DIBP: 0.1%(1000mg/kg)	--
17	SE-CHIP-BES-3100S	U2	Cd: N.D. Pb: N.D. Hg: N.D. Cr ⁶⁺ : N.D. PBBs: N.D. PBDEs: N.D.	Cd: 0.01%(100mg/kg) Pb: 0.1%(1000mg/kg) Hg: 0.1%(1000mg/kg) Cr ⁶⁺ : 0.1%(1000mg/kg) PBBs: 0.1%(1000mg/kg) PBDEs: 0.1%(1000mg/kg)	--

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			DBP: ND BBP: ND DEHP:ND DIBP: ND	DBP: 0.1%(1000mg/kg) BBP: 0.1%(1000mg/kg) DEHP: 0.1%(1000mg/kg) DIBP: 0.1%(1000mg/kg)	
18	SE-CHP-MAX-MAX97220A	U4	Cd: N.D. Pb: N.D. Hg: N.D. Cr ⁶⁺ : N.D. PBBs: N.D. PBDEs: N.D. DBP: ND BBP: ND DEHP:ND DIBP: ND	Cd: 0.01%(100mg/kg) Pb: 0.1%(1000mg/kg) Hg: 0.1%(1000mg/kg) Cr ⁶⁺ : 0.1%(1000mg/kg) PBBs: 0.1%(1000mg/kg) PBDEs: 0.1%(1000mg/kg) DBP: 0.1%(1000mg/kg) BBP: 0.1%(1000mg/kg) DEHP: 0.1%(1000mg/kg) DIBP: 0.1%(1000mg/kg)	--
19	SE-XTAL-0302-26M-1	Y1	Cd: N.D. Pb: N.D. Hg: N.D. Cr ⁶⁺ : N.D. PBBs: N.D. PBDEs: N.D. DBP: ND BBP: ND DEHP:ND DIBP: ND	Cd: 0.01%(100mg/kg) Pb: 0.1%(1000mg/kg) Hg: 0.1%(1000mg/kg) Cr ⁶⁺ : 0.1%(1000mg/kg) PBBs: 0.1%(1000mg/kg) PBDEs: 0.1%(1000mg/kg) DBP: 0.1%(1000mg/kg) BBP: 0.1%(1000mg/kg) DEHP: 0.1%(1000mg/kg) DIBP: 0.1%(1000mg/kg)	--
20	SE-PCB4-UDAC-AR2-GN	PCB	Cd: N.D. Pb: N.D. Hg: N.D. Cr ⁶⁺ : N.D. PBBs: N.D. PBDEs: N.D. DBP: ND BBP: ND DEHP:ND DIBP: ND	Cd: 0.01%(100mg/kg) Pb: 0.1%(1000mg/kg) Hg: 0.1%(1000mg/kg) Cr ⁶⁺ : 0.1%(1000mg/kg) PBBs: 0.1%(1000mg/kg) PBDEs: 0.1%(1000mg/kg) DBP: 0.1%(1000mg/kg) BBP: 0.1%(1000mg/kg) DEHP: 0.1%(1000mg/kg) DIBP: 0.1%(1000mg/kg)	--
21	ZG-AUF-3MWR1-8C-BK1	Audio line	Cd: N.D. Pb: N.D. Hg: N.D. Cr ⁶⁺ : N.D. PBBs: N.D. PBDEs: N.D. DBP: ND BBP: ND DEHP:ND	Cd: 0.01%(100mg/kg) Pb: 0.1%(1000mg/kg) Hg: 0.1%(1000mg/kg) Cr ⁶⁺ : 0.1%(1000mg/kg) PBBs: 0.1%(1000mg/kg) PBDEs: 0.1%(1000mg/kg) DBP: 0.1%(1000mg/kg) BBP: 0.1%(1000mg/kg) DEHP: 0.1%(1000mg/kg)	--

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			DIBP: ND	DIBP: 0.1%(1000mg/kg)	
22	HG-CASE-AUHA05BBK-T1	Face cover	Cd: N.D. Pb: N.D. Hg: N.D. Cr ⁶⁺ : N.D. PBBs: N.D. PBDEs: N.D. DBP: ND BBP: ND DEHP:ND DIBP: ND	Cd: 0.01%(100mg/kg) Pb: 0.1%(1000mg/kg) Hg: 0.1%(1000mg/kg) Cr ⁶⁺ : 0.1%(1000mg/kg) PBBs: 0.1%(1000mg/kg) PBDEs: 0.1%(1000mg/kg) DBP: 0.1%(1000mg/kg) BBP: 0.1%(1000mg/kg) DEHP: 0.1%(1000mg/kg) DIBP: 0.1%(1000mg/kg)	--
23	HG-CASE-AUHA05BBK-B1	Bottom cover	Cd: N.D. Pb: N.D. Hg: N.D. Cr ⁶⁺ : N.D. PBBs: N.D. PBDEs: N.D. DBP: ND BBP: ND DEHP:ND DIBP: ND	Cd: 0.01%(100mg/kg) Pb: 0.1%(1000mg/kg) Hg: 0.1%(1000mg/kg) Cr ⁶⁺ : 0.1%(1000mg/kg) PBBs: 0.1%(1000mg/kg) PBDEs: 0.1%(1000mg/kg) DBP: 0.1%(1000mg/kg) BBP: 0.1%(1000mg/kg) DEHP: 0.1%(1000mg/kg) DIBP: 0.1%(1000mg/kg)	--

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Note:

-N.D. = not detected (<5ppm)

-N.A. = not applicable

- “▼”= The sample is negative for Cr(VI) – The Cr(VI) concentration is below 0.10 µg/cm². The coating is considered a non-Cr(VI) based coating.

“#” = copper alloy. The lead content which is under 4% (40000ppm) is exempted from the requirement of RoHS Directive 2011/65/EU (RoHS)

“PBBS”=Contains: Monobromobiphenyl; Dibromobiphenyl; Tribromobiphenyl; Tetrabromobiphenyl; Pentabromobiphenyl; Hexabromobiphenyl; Heptabromobiphenyl; Octabromobiphenyl; Nonabromobiphenyl; Decabromobiphenyl.

“PBDEs”= Contains: Monobromodiphenyl ether; Dibromodiphenyl ether; Tribromodiphenyl ether; Tetrabromodiphenyl ether; Pentabromodiphenyl ether; Hexabromodiphenyl ether; Heptabromodiphenyl ether; Octabromodiphenyl ether; Nonabromodiphenyl ether; Decabromodiphenyl ether..;

Not directed is reported when the reading is less than detection limit value.

- 1) This report is not a formal test report but only consolidating the test data listed above;
- 2) The above test report of raw material which is not issued by MOST is offered by the applicant as a reference of consolidated data;
- 3) MOST has not conducted any verification on the test data in the above test report that is not issued by MOST.
- 4) This report can not be issued repeatedly unless there is a written approval by the lab.



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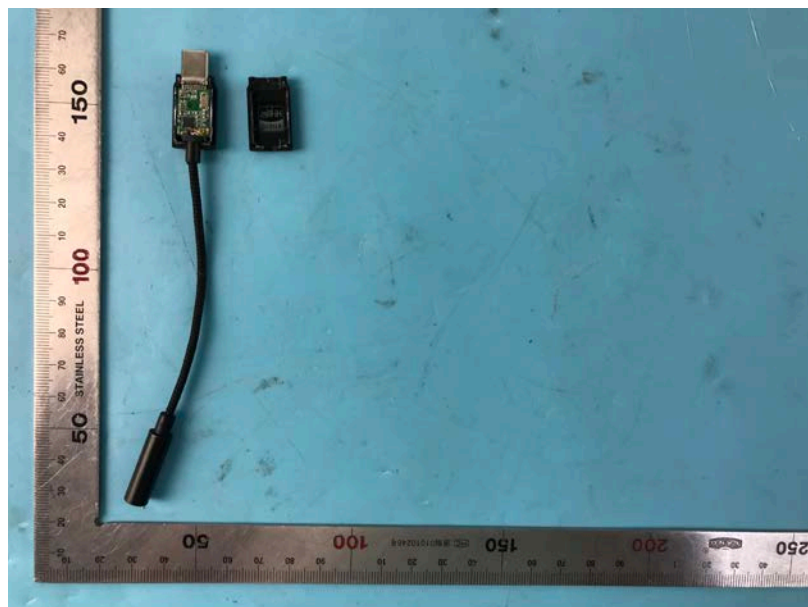
Email: szmost@szmost.com

APPENDIX I

(Photos of the Sample)

Appendix 1

Hi-Res Type C Audio Adapter



----- End of report -----