



ROHS Test Report

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Report No: CTT20160727075R

Applicant: Dongtai electronics Co,LTD,

Address: 2nd floor, No.1,Building B, Jiqi Road, Tianhe District, Guangzhou,
Guangdong ,China

Manufacturer: Dongtai electronics Co,LTD,

Address: 2nd floor, No.1,Building B, Jiqi Road, Tianhe District, Guangzhou,
Guangdong ,China

Sample name: HD COMBINE TESTER

Model: DT-N52 , DT-N51, DT-N53, DT-N54, DT-N55, DT-N56, DT-N57, DT-N58,
DT-N59.

Trade Mark: 动钛

Testing Period: July 27, 2016 to August 3, 2016

Issued date: August 3, 2016

Test requested: With reference to RoHS Directive 2011/65/EU Annex II; recasting 2002/95/EC

Test Method: With reference to IEC 62321:2008; IEC 62321-4:2013;
IEC 62321-5:2013; IEC 62321-6:2015



Approved by Tony Bi



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Test Results:

Part No.	Part Name	Restricted Substances	Unit	Results	Reference report No.
1	Adapter	Cd	mg/kg	N.D.	SGS Report No.: CE/2015/55213
		Pb	mg/kg	N.D.	
		Hg	mg/kg	N.D.	
		Cr ⁶⁺	mg/kg	N.D.	
		PBBs	mg/kg	N.D.	
		PBDEs	mg/kg	N.D.	
2	Battery	Cd	mg/kg	N.D.	SGS Report No.: CE/2016/44157
		Pb	mg/kg	13	
		Hg	mg/kg	N.D.	
		Cr ⁶⁺	mg/kg	N.D.	
		PBBs	mg/kg	N.D.	
		PBDEs	mg/kg	N.D.	
3	ABS	Cd	mg/kg	N.D.	SGS Report No.: CE/2016/54883
		Pb	mg/kg	8	
		Hg	mg/kg	N.D.	
		Cr ⁶⁺	mg/kg	N.D.	
		PBBs	mg/kg	N.D.	
		PBDEs	mg/kg	N.D.	
4	PC	Cd	mg/kg	N.D.	SGS Report No.: KA/2016/54788
		Pb	mg/kg	N.D.	
		Hg	mg/kg	N.D.	
		Cr ⁶⁺	mg/kg	N.D.	
		PBBs	mg/kg	N.A.	
		PBDEs	mg/kg	N.A.	
5	PVC	Cd	mg/kg	N.D.	SGS Report No.: CE/2015/41112
		Pb	mg/kg	N.D.	
		Hg	mg/kg	N.D.	
		Cr ⁶⁺	mg/kg	N.D.	
		PBBs	mg/kg	N.D.	
		PBDEs	mg/kg	N.D.	

Shenzhen CTT Testing Co., Ltd

Add: 3A06, Xinbaosheng, No.233, Xixiang Street, Bao'an District, Shenzhen, China

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Part No.	Part Name	Restricted Substances	Unit	Results	Reference report No.
6	Iron	Cd	mg/kg	N.D.	SGS Report No.: CE/2015/54457
		Pb	mg/kg	N.D.	
		Hg	mg/kg	N.D.	
		Cr ⁶⁺	mg/kg	N.D.	
		PBBs	mg/kg	N.D.	
		PBDEs	mg/kg	N.D.	
7	Steel	Cd	mg/kg	N.D.	SGS Report No.: CE/2016/41114
		Pb	mg/kg	13	
		Hg	mg/kg	N.D.	
		Cr ⁶⁺	mg/kg	N.D.	
		PBBs	mg/kg	N.D.	
		PBDEs	mg/kg	N.D.	
8	Label	Cd	mg/kg	N.D.	SGS Report No.: CE/2016/54023
		Pb	mg/kg	8	
		Hg	mg/kg	N.D.	
		Cr ⁶⁺	mg/kg	N.D.	
		PBBs	mg/kg	N.D.	
		PBDEs	mg/kg	N.D.	
9	Silicone	Cd	mg/kg	N.D.	SGS Report No.: KA/2016/54451
		Pb	mg/kg	N.D.	
		Hg	mg/kg	N.D.	
		Cr ⁶⁺	mg/kg	N.D.	
		PBBs	mg/kg	N.A.	
		PBDEs	mg/kg	N.A.	
10	PCB	Cd	mg/kg	N.D.	SGS Report No.: CE/2015/41225
		Pb	mg/kg	N.D.	
		Hg	mg/kg	N.D.	
		Cr ⁶⁺	mg/kg	N.D.	
		PBBs	mg/kg	N.D.	
		PBDEs	mg/kg	N.D.	

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Part No.	Part Name	Restricted Substances	Unit	Results	Reference report No.
11	Button	Cd	mg/kg	N.D.	SGS Report No.: CE/2015/51021
		Pb	mg/kg	N.D.	
		Hg	mg/kg	N.D.	
		Cr ⁶⁺	mg/kg	N.D.	
		PBBs	mg/kg	N.D.	
		PBDEs	mg/kg	N.D.	
12	Screen	Cd	mg/kg	N.D.	SGS Report No.: CE/2016/44141
		Pb	mg/kg	13	
		Hg	mg/kg	N.D.	
		Cr ⁶⁺	mg/kg	N.D.	
		PBBs	mg/kg	N.D.	
		PBDEs	mg/kg	N.D.	
13	Screw	Cd	mg/kg	N.D.	SGS Report No.: CE/2016/44483
		Pb	mg/kg	8	
		Hg	mg/kg	N.D.	
		Cr ⁶⁺	mg/kg	N.D.	
		PBBs	mg/kg	N.D.	
		PBDEs	mg/kg	N.D.	
14	Copper	Cd	mg/kg	N.D.	SGS Report No.: KA/2016/02188
		Pb	mg/kg	N.D.	
		Hg	mg/kg	N.D.	
		Cr ⁶⁺	mg/kg	N.D.	
		PBBs	mg/kg	N.A.	
		PBDEs	mg/kg	N.A.	
15	Red wire	Cd	mg/kg	N.D.	SGS Report No.: CE/2015/20312
		Pb	mg/kg	N.D.	
		Hg	mg/kg	N.D.	
		Cr ⁶⁺	mg/kg	N.D.	
		PBBs	mg/kg	N.D.	
		PBDEs	mg/kg	N.D.	

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Part No.	Part Name	Restricted Substances	Unit	Results	Reference report No.
16	Red wire	Cd	mg/kg	N.D.	SGS Report No.: CE/2015/23696
		Pb	mg/kg	N.D.	
		Hg	mg/kg	N.D.	
		Cr ⁶⁺	mg/kg	N.D.	
		PBBs	mg/kg	N.D.	
		PBDEs	mg/kg	N.D.	
17	Black wire	Cd	mg/kg	N.D.	SGS Report No.: CE/2016/47857
		Pb	mg/kg	13	
		Hg	mg/kg	N.D.	
		Cr ⁶⁺	mg/kg	N.D.	
		PBBs	mg/kg	N.D.	
		PBDEs	mg/kg	N.D.	
18	IC	Cd	mg/kg	N.D.	SGS Report No.: CE/2016/02383
		Pb	mg/kg	8	
		Hg	mg/kg	N.D.	
		Cr ⁶⁺	mg/kg	N.D.	
		PBBs	mg/kg	N.D.	
		PBDEs	mg/kg	N.D.	
19	Resistor	Cd	mg/kg	N.D.	SGS Report No.: KA/2016/77898
		Pb	mg/kg	N.D.	
		Hg	mg/kg	N.D.	
		Cr ⁶⁺	mg/kg	N.D.	
		PBBs	mg/kg	N.A.	
		PBDEs	mg/kg	N.A.	
20	Capacitor	Cd	mg/kg	N.D.	SGS Report No.: CE/2015/30262
		Pb	mg/kg	N.D.	
		Hg	mg/kg	N.D.	
		Cr ⁶⁺	mg/kg	N.D.	
		PBBs	mg/kg	N.D.	
		PBDEs	mg/kg	N.D.	

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Part No.	Part Name	Restricted Substances	Unit	Results	Reference report No.
21	Diobe	Cd	mg/kg	N.D.	SGS Report No.: CE/2015/58886
		Pb	mg/kg	N.D.	
		Hg	mg/kg	N.D.	
		Cr ⁶⁺	mg/kg	N.D.	
		PBBs	mg/kg	N.D.	
		PBDEs	mg/kg	N.D.	
22	Tube	Cd	mg/kg	N.D.	SGS Report No.: CE/2016/41257
		Pb	mg/kg	13	
		Hg	mg/kg	N.D.	
		Cr ⁶⁺	mg/kg	N.D.	
		PBBs	mg/kg	N.D.	
		PBDEs	mg/kg	N.D.	
23	Tape	Cd	mg/kg	N.D.	SGS Report No.: CE/2016/78783
		Pb	mg/kg	8	
		Hg	mg/kg	N.D.	
		Cr ⁶⁺	mg/kg	N.D.	
		PBBs	mg/kg	N.D.	
		PBDEs	mg/kg	N.D.	
24	Inductance	Cd	mg/kg	N.D.	SGS Report No.: KA/2016/57788
		Pb	mg/kg	N.D.	
		Hg	mg/kg	N.D.	
		Cr ⁶⁺	mg/kg	N.D.	
		PBBs	mg/kg	N.A.	
		PBDEs	mg/kg	N.A.	
25	Tin	Cd	mg/kg	N.D.	SGS Report No.: CE/2015/44782
		Pb	mg/kg	N.D.	
		Hg	mg/kg	N.D.	
		Cr ⁶⁺	mg/kg	N.D.	
		PBBs	mg/kg	N.D.	
		PBDEs	mg/kg	N.D.	

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ROHS Requirement

Restricted substances	MDL	Limits
Lead(Pb)	5	0.1%(1000 ppm)
Cadmium(Cd)	5	0.01%(100 ppm)
Chromium(VI)(Cr6+)	5	0.1%(1000 ppm)
Mercury(Hg)	5	0.1%(1000 ppm)
Polybrominated biphenyls(PBBs)	5	0.1%(1000 ppm)
Polybrominated diphenyl ethers(PBDEs)	5	0.1%(1000 ppm)

Note:

_mg/kg=ppm=0.0001%

-MDL=Method Detection Limit

-N.D. =not detected (<MDL)

-Photo is included

-Test results are from other testing organizations. Shenzhen BLLD Testing Co., LTD. has no liability to assume the verification of the authenticity of the above test reports results.

Test Method: With reference to IEC 62321;2008 and performed by following methods:

- 1) Cd-with reference to BS EN1122/ US EPA3050B/ US EPA3052. Analysis was performed by acid digestion.
- 2) Pb-with reference to US EPA3050B/ US EPA3052. Analysis was performed by acid digestion.
- 3) Hg-with reference to US EPA3052. Analysis was performed by acid digestion.
- 4) Cr6+- with reference to US EPA3060A&7196A. Analysis was performed by alkaline digestion. PBB&PBDE-with reference to US EPA3540C. Analysis was performed by solvent extraction.

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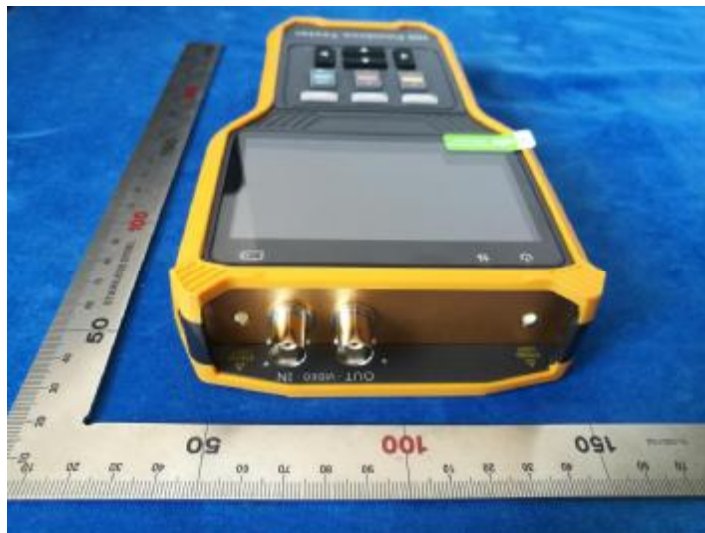
SAMPLE PHOTO





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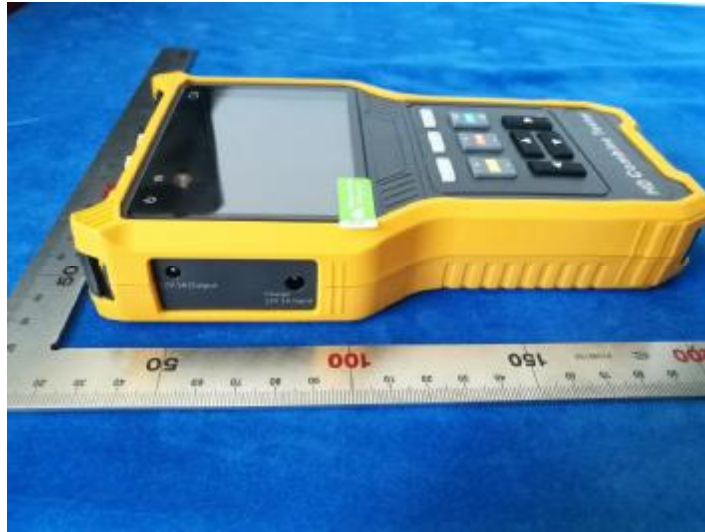
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