ROHS TEST REPORT

For

ShenZhen Canworld Control Technology Development Co., Ltd.

Product Name: Frequency Changer

Model No.: CDE360-4T0R7G/1R5L

Prepared for	:	ShenZhen Canworld Control Technology Development Co., Ltd.
Address	:	3/F,NO.1 BUILDING, CANWORLD INDUSTRIAL PARK, NO.18 BAOLONG FOURTH ROAD, LONGGANG DISTRICT, SHENZHEN CITY, P.R.CHINA
Prepared by	:	SHENZHEN POCE TECHNOLOGY CO., LTD.
Address	:	H Building, Hongfa Science And Technology Park, Tangtou, Shiyan, Bao' an District, Shenzhen, China
Date of receipt of test sample	:	Oct. 23, 2018
Number of tested samples	:	1
Serial number	:	Prototype
Date of Test	:	Oct. 23, 2018 – Oct. 30, 2018
Date of Report	:	Oct. 30, 2018

Note: *This test report is limited to the above client company and the product model only. It may not be duplicated without prior written consent of Shenzhen POCE Technology Co., Ltd.*

ROHS TEST REPORT

Report Reference No.	:	POCE18102328BRR
Date of Issue	:	Oct. 30, 2018
Testing Laboratory Name	:	SHENZHEN POCE TECHNOLOGY CO., LTD.
Address	:	H Building, Hongfa Science And Technology Park, Tangtou, Shiyan, Bao' an District, Shenzhen, China
Testing Location/ Procedure	:	Full application of Harmonised standards ■ Partial application of Harmonised standards □ Other standard testing method □
Applicant's Name	:	ShenZhen Canworld Control Technology Development Co., Ltd.
Address	:	3/F,NO.1 BUILDING, CANWORLD INDUSTRIAL PARK, NO.18 BAOLONG FOURTH ROAD, LONGGANG DISTRICT, SHENZHEN CITY, P.R.CHINA
Test Specification		
Standard	:	IEC 62321-1:2013
Test Report Form No.	:	POCEEMC-1.0
TRF Originator	:	SHENZHEN POCE TECHNOLOGY CO., LTD.

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Test Item		
Description.	:	Frequency Changer
Trade Mark	:	N/A
Model/ Type Reference	:	CDE360-4T0R7G/1R5L, CDE360-4T1R5G/2R2L, 4T1R5G/2R2L, 4T2R2G/3R7L, 4T3R7G/5R5L, 4T5R5G/7R5L, 4T7R5G/011L, 4T011G/015L, 4T015G/018L, 4T018G/022L, 4T022G/030L, 4T030G/037L, 4T037G/045L, 4T045G/055L, 4T055G/075L, 4T075G/090L, 4T090G/110L, 4T110G/132L, 4T132G/160L, 4T160G/185L, CDE360-2S0R7, 2S1R5, 2S2R2,
Result	:	Pass

Compiled by:	Supervised by:	Approved by:
Amy Zhu	Nick He	Jade Wang
Amy Zhu / File administrators	Nick He/ Technique principal	Jade Wang/ Manager

Traceability of Device	
EUT.....	: Frequency Changer
Type / Model.....	: CDE360-4T0R7G/1R5L, CDE360-4T1R5G/2R2L, 4T1R5G/2R2L, 4T2R2G/3R7L, 4T3R7G/5R5L, 4T5R5G/7R5L, 4T7R5G/011L, 4T011G/015L, 4T015G/018L, 4T018G/022L, 4T022G/030L, 4T030G/037L, 4T037G/045L, 4T045G/055L, 4T055G/075L, 4T075G/090L, 4T090G/110L, 4T110G/132L, 4T132G/160L, 4T160G/185L, CDE360-2S0R7, 2S1R5, 2S2R2,
Applicant.....	: ShenZhen Canworld Control Technology Development Co., Ltd.
Address.....	: 3/F,NO.1 BUILDING, CANWORLD INDUSTRIAL PARK, NO.18 BAOLONG FOURTH ROAD, LONGGANG DISTRICT, SHENZHEN CITY, P.R.CHINA
Telephone.....	: /
Fax.....	: /
Manufacturer.....	: ShenZhen Canworld Control Technology Development Co., Ltd.
Address.....	: 3/F,NO.1 BUILDING, CANWORLD INDUSTRIAL PARK, NO.18 BAOLONG FOURTH ROAD, LONGGANG DISTRICT, SHENZHEN CITY, P.R.CHINA
Telephone.....	: /
Fax.....	: /
Factory.....	: ShenZhen Canworld Control Technology Development Co., Ltd.
Address.....	: 3/F,NO.1 BUILDING, CANWORLD INDUSTRIAL PARK, NO.18 BAOLONG FOURTH ROAD, LONGGANG DISTRICT, SHENZHEN CITY, P.R.CHINA
Telephone.....	: /
Fax.....	: /

Test Result:	**Positive**

The test report merely corresponds to the test sample.
It is not permitted to copy extracts of these test result without the written permission of the test laboratory.
The total Lead, Cadmium, Mercury, Hexavalent Chromium, Polybrominated Biphenyls and Polybrominated Diphenylethers in the submitted samples comply with the requirement of RoHS Directive 2011/65/EU, and its amendment directives.

DATA CONCLUSION:

Lead (Pb)
Cadmium (Cd)
Mercury (Hg)
Hexavalent Chromium (Cr6+)
Polybrominated Biphenyls (PBBs)
Polybrominated Diphenylethers (PBDEs)

No.	Component	Test Lab	Report No.& Issue Date	Test Data(ppm)
1	Composite Laminate	SGS	SHAEC1728092105 2017-12-29	Cd: N.D. Pb: N.D. Hg: N.D. Cr6+: N.D. PBBS: N.D. PBDES: N.D.
2	Laminate	SGS	SHAEC1728092101 2017-12-29	Cd: N.D. Pb: N.D. Hg: N.D. Cr6+: N.D. PBBS: N.D. PBDES: N.D..
3	Halogen free Laminate	SGS	SHAEC1728092103 2017-12-29	Cd: N.D. Pb: N.D. Hg: N.D. Cr6+: N.D. PBBS: N.D. PBDES: N.D..
4	MCU	NYEK	DGC180427029YE01 2018-05-07	Cd: N.D. Pb: N.D. Hg: N.D. Cr^{6+}: N.D. PBBS: N.D. PBDES: N.D
5	Small Signal SMD	SGS	CANEC1800217511 2018-01-12	Cd: N.D. Pb: N.D. Hg: N.D. Cr^{6+}:N.D. PBBS: N.D. PBDES: N.D.

No.	Component	Test Lab	Report No.& Issue Date	Test Data(ppm)
6	HIGH Voltage Ceramic Disc	SGS	CANEC1720132304 2017-10-13	Cd: N.D. Pb: N.D. Hg: N.D. Cr^{6+}:N.D. PBBS: N.D. PBDES: N.D.
7	VARISTOR	SGS	CANEC1809740101 2018-05-29	Cd: N.D. Pb: N.D. Hg: N.D. Cr^{6+}:N.D. PBBS: N.D. PBDES: N.D.
8	REACTOR	CTB	CTB180716024C 2018-07-27	Cd: N.D. Pb: 10 Hg: N.D. Cr^{6+}:N.D. PBBS: N.D. PBDES: N.D.
9	CONTACTOR	SGS	SHAEC1818275300 2018-09-18	Cd: N.D. Pb: N.D. Hg: N.D. Cr^{6+}:N.D. PBBS: N.D. PBDES: N.D.
10	THICK FILM CHIP RESISTORS	SGS	CANEC1800965101 2018-01-18	Cd: N.D. Pb: N.D. Hg: N.D. Cr^{6+}:N.D. PBBS: N.D. PBDES: N.D.
11	CEMENT WIRE WOUND RESISTOR	SGS	CANEC1816034401 2018-08-10	Cd: N.D. Pb: N.D. Hg: N.D. Cr^{6+}:N.D. PBBS: N.D. PBDES: N.D.

No.	Component	Test Lab	Report No.& Issue Date	Test Data(ppm)
12	WIRE WOUND RESISTOR	SGS	CANEC1721693407 2017-11-09	Cd: N.D. Pb: N.D. Hg: N.D. Cr^{6+}: N.D. PBBS: N.D. PBDES: N.D.
13	MILLIOHMS RESISTOR	SGS	CANEC1721693411 2017-11-09	Cd: N.D. Pb: N.D. Hg: N.D. Cr^{6+}: N.D. PBBS: N.D. PBDES: N.D.
14	DIE	SGS	CE/2018/63425 2018/6/28	Cd: N.D. Pb: N.D. Hg: N.D. Cr^{6+}: N.D. PBBS: N.D. PBDES: N.D.
15	DBC	SGS	SHANG1815656102 2018/7/19	Cd: N.D. Pb: N.D. Hg: N.D. Cr^{6+}:N.D. PBBS: N.D. PBDES: N.D.
16	NTC	SGS	SHAEC1801162604 2018/2/1	Cd: N.D. Pb: N.D. Hg: N.D. Cr^{6+}: N.D. PBBS: N.D. PBDES: N.D.
17	TERMINAL	SGS	SHAEC1726365002 2017/12/2	Cd: N.D. Pb: N.D. Hg: N.D. Cr^{6+}: N.D.

No.	Component	Test Lab	Report No.& Issue Date	Test Data(ppm)
18	CASE	KA	KA/2017/81997 2017/9/6	Cd: 15.4 Pb: N.D. Hg: N.D. Cr^{6+}: N.D. PBBS: N.D. PBDES: N.D.
19	SILICONE GEL	SGS	XMNML1600091101 2016-02-02	Cd: N.D. Pb: N.D. Hg: N.D. Cr^{6+}: N.D.
20	GASKET	NB	NB2018070975 2018/7/11	Cd: N.D. Pb: N.D. Hg: N.D. Cr^{6+}: N.D. PBBS: N.D. PBDES: N.D.
21	ENAMELLED COPPER WIRE	SGS	CANEC1700685301 2017-01-18	Cd: N.D. Pb: N.D. Hg: N.D. Cr^{6+}: N.D. PBBS: N.D. PBDES: N.D.
22	LEAD-FREE SOLDER BAR	SGS	CANML1701036401 2017-01-19	Cd: N.D. Pb: N.D. Hg: N.D. Cr^{6+}: N.D. PBBS: N.D. PBDES: N.D.
23	SOLVENT	SGS	SHAEC1702619015 2017-02-24	Cd: N.D. Pb: N.D. Hg: N.D. Cr^{6+}:N.D. PBBS: N.D. PBDES: N.D.

No.	Component	Test Lab	Report No.& Issue Date	Test Data(ppm)
24	HEAT SHRINKABLE TUBING	SGS	CANEC1700014304 2017-01-16	Cd: N.D. Pb: N.D. Hg: N.D. Cr^{6+}:N.D. PBBS: N.D. PBDES: N.D.
25	IC	SGS	SHAEC1700942803 2017-01-25	Cd: N.D. Pb: N.D. Hg: N.D. Cr^{6+}:N.D. PBBS: N.D. PBDES: N.D.
26	Baseplate	SGS	SHAEC1728264740 2017/12/28	Cd: 7 Pb: N.D. Hg: N.D. Cr6+:N.D. PBBS: N.D. PBDES: N.D.

Notes:

(1) N.D.= Not detected (<MDL)
(2) MDL=Method Detection Limit
(3) ppm = mg/kg
(4) "-" = Not applicable
(5) "<" = less than
(6) N.D.=absence of CrVI coating

PHOTOGRAPHS OF EUT



Fig.1

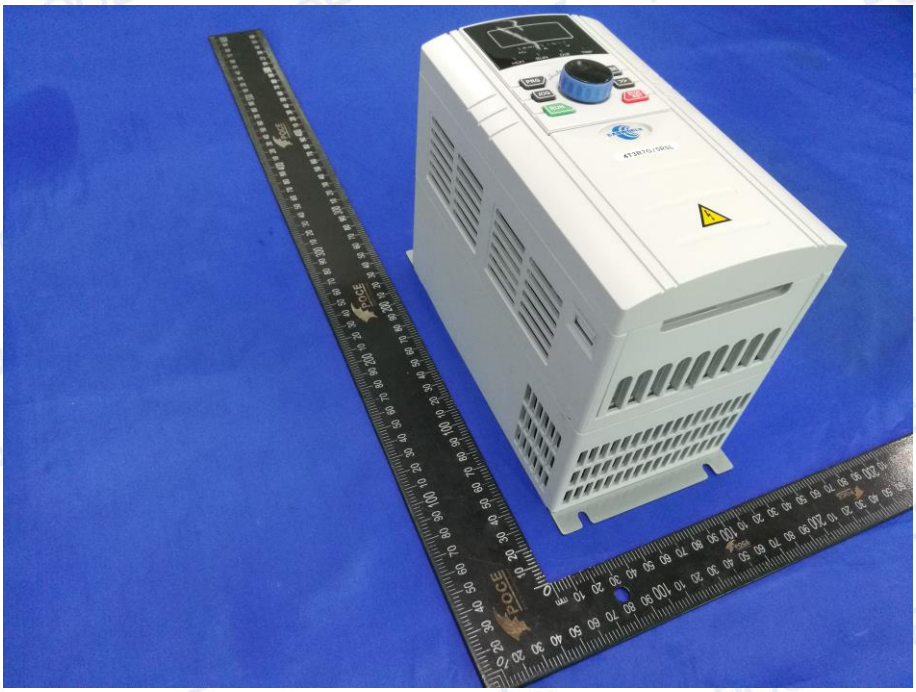


Fig.2

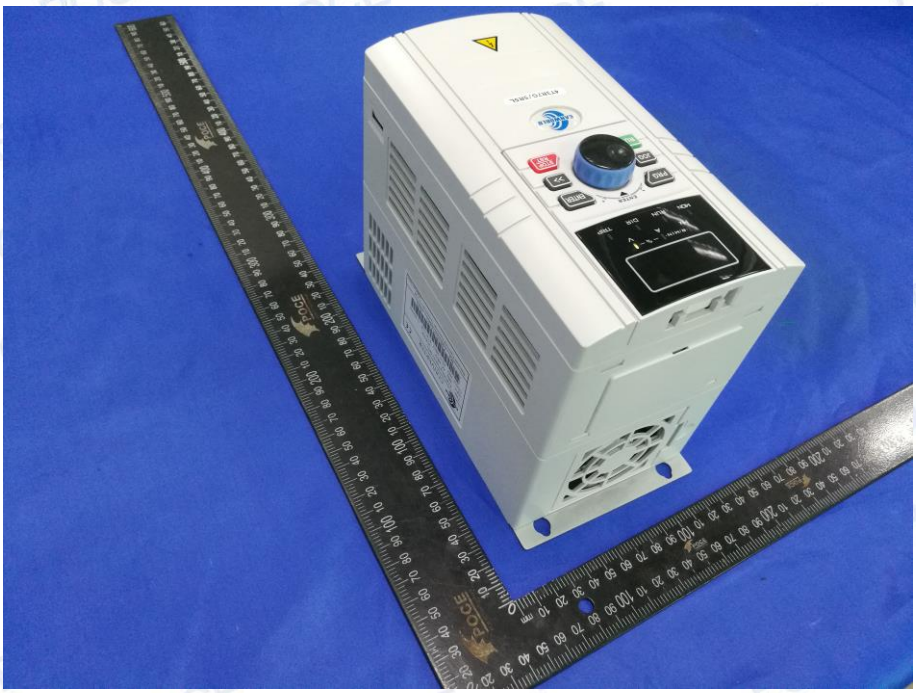


Fig.3

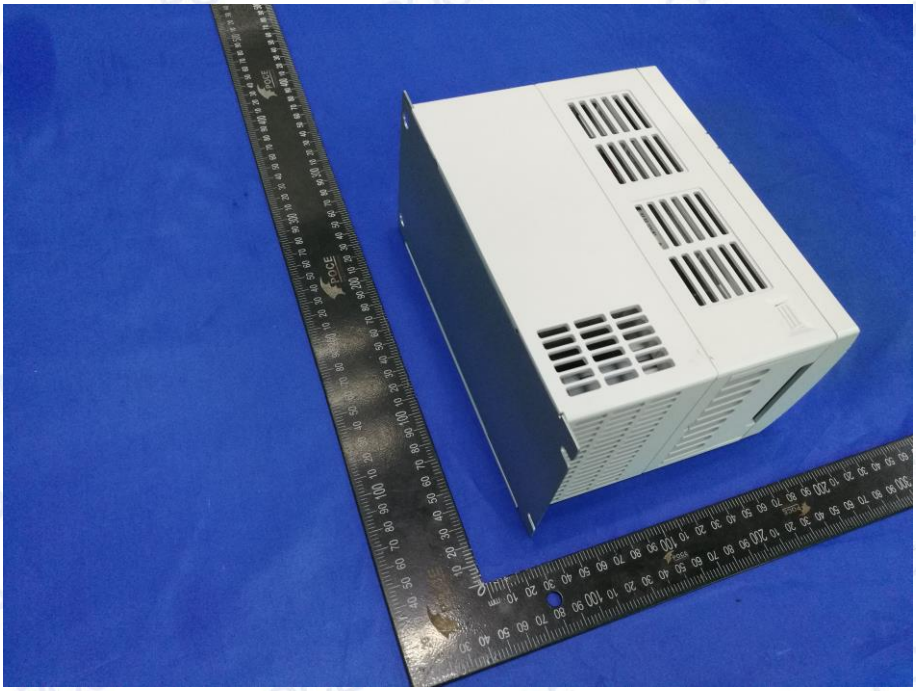


Fig.4



Fig.5

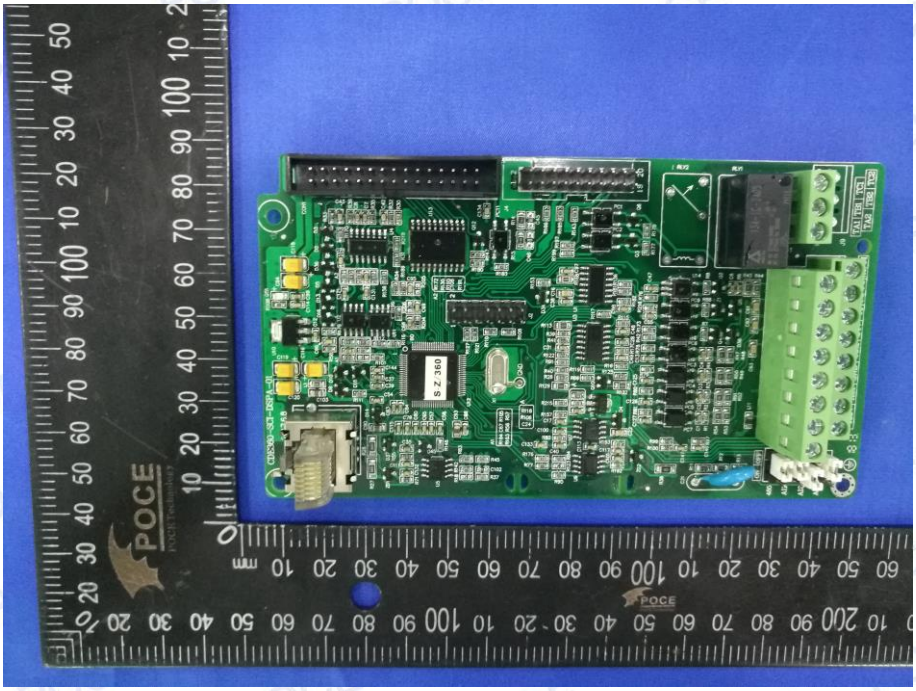


Fig.6

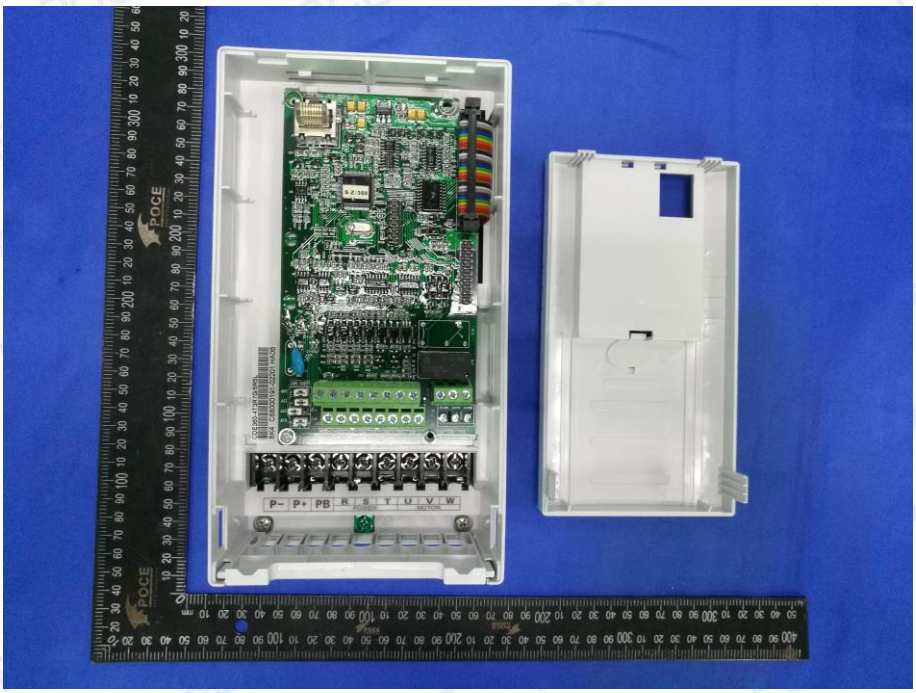


Fig.7

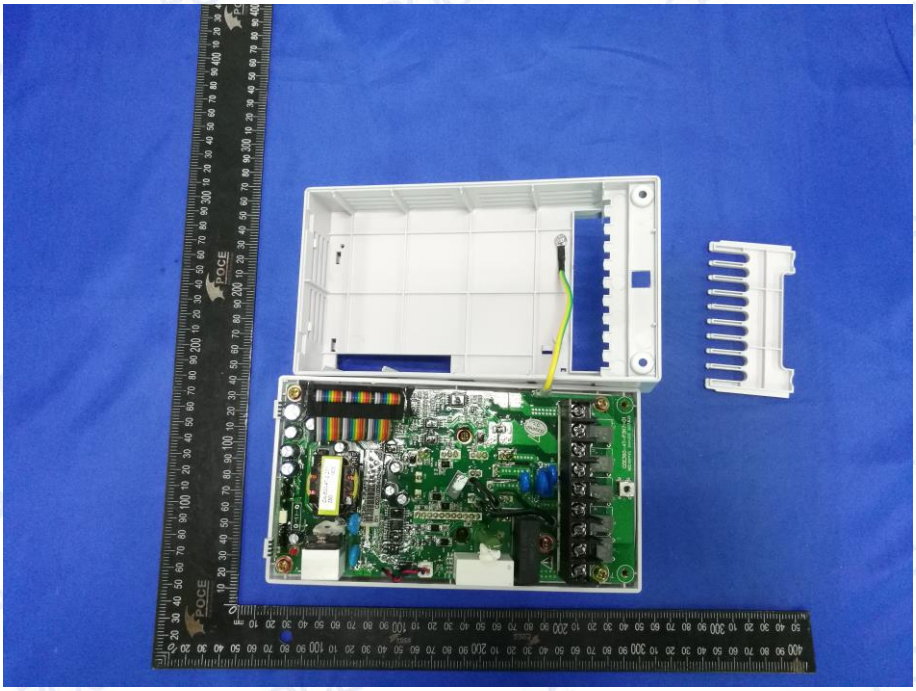


Fig.8

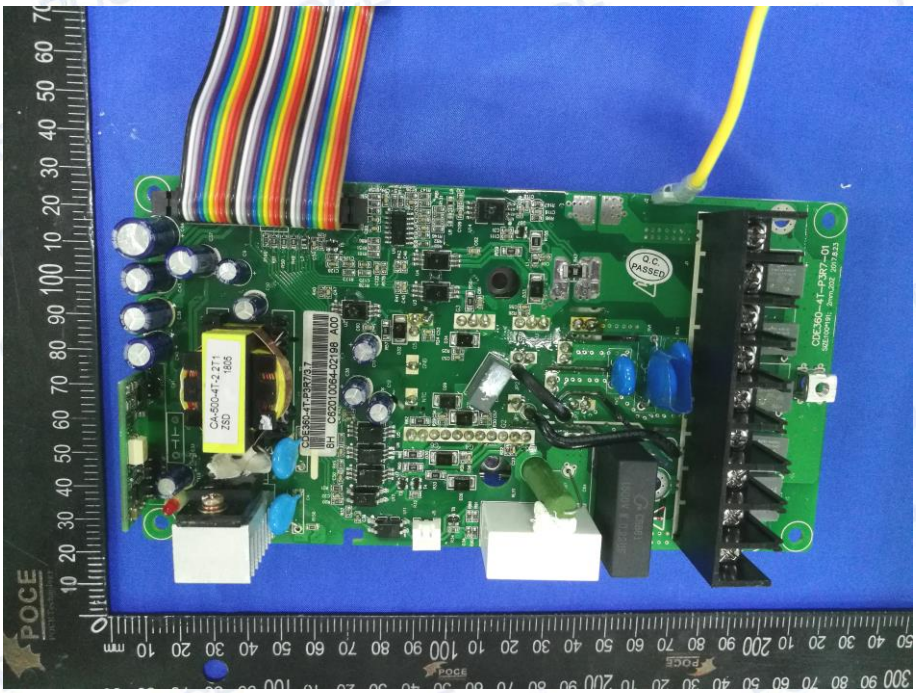


Fig.9

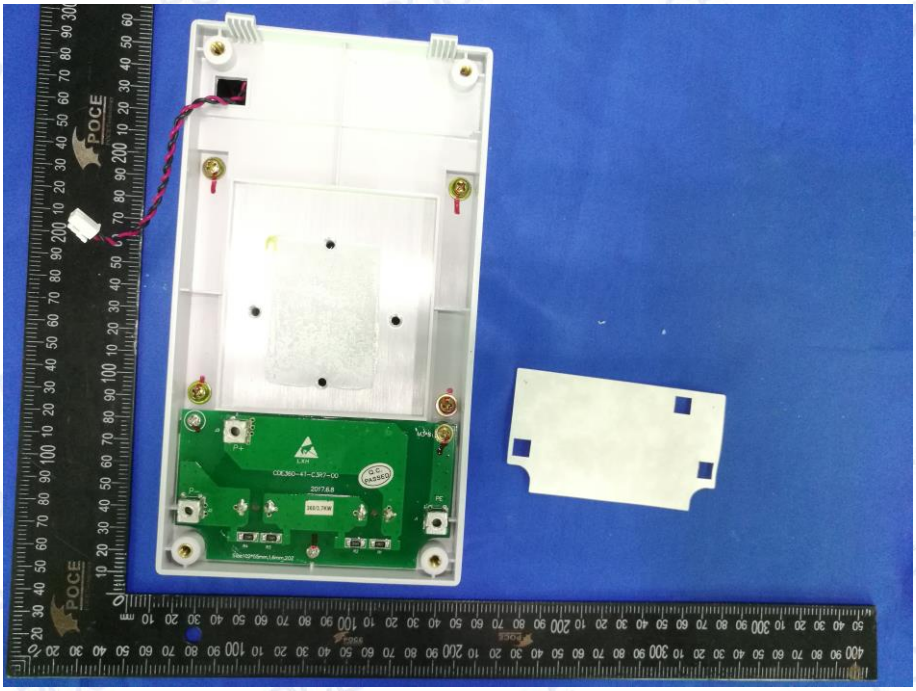


Fig.10

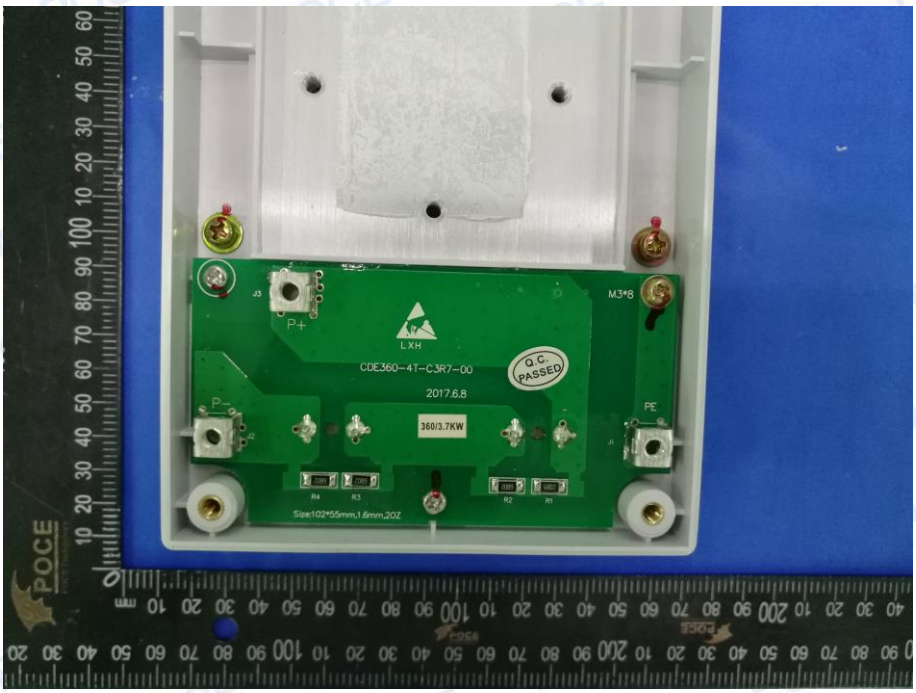

M3*8
P+
LXH
CDE360-4T-C3R7-00
Q.C. PASSED
2017.6.8
P-
360/3.7KW
PE
Size:102*55mm,1.6mm,2OZ

Fig.11

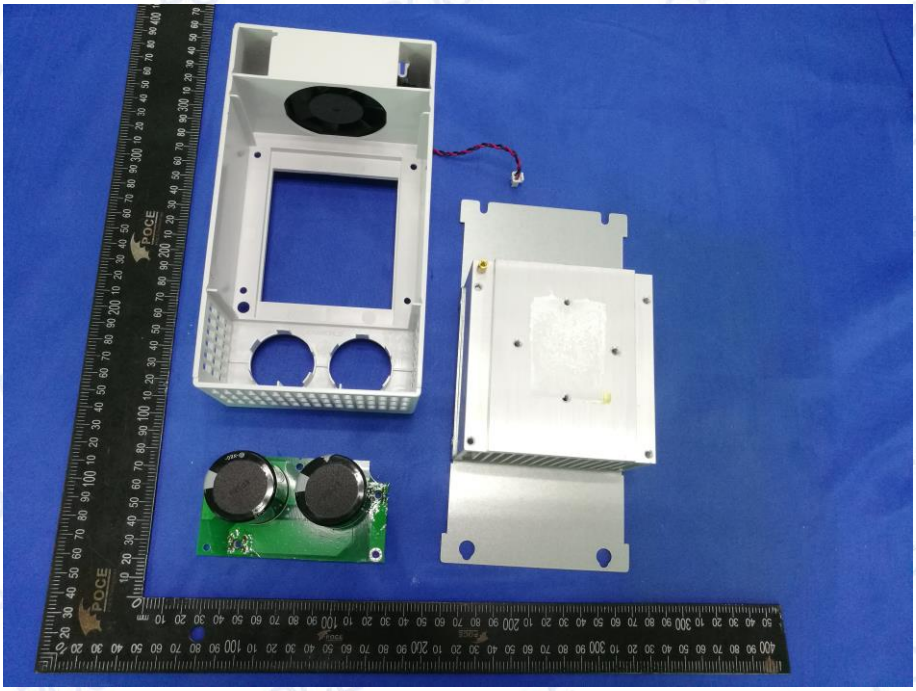


Fig.12

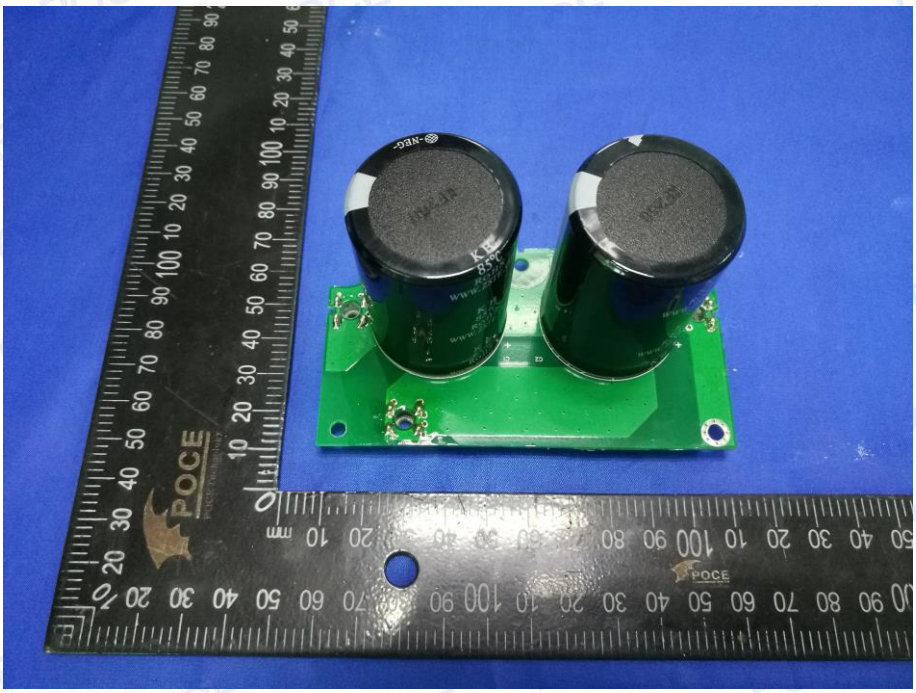


Fig.13

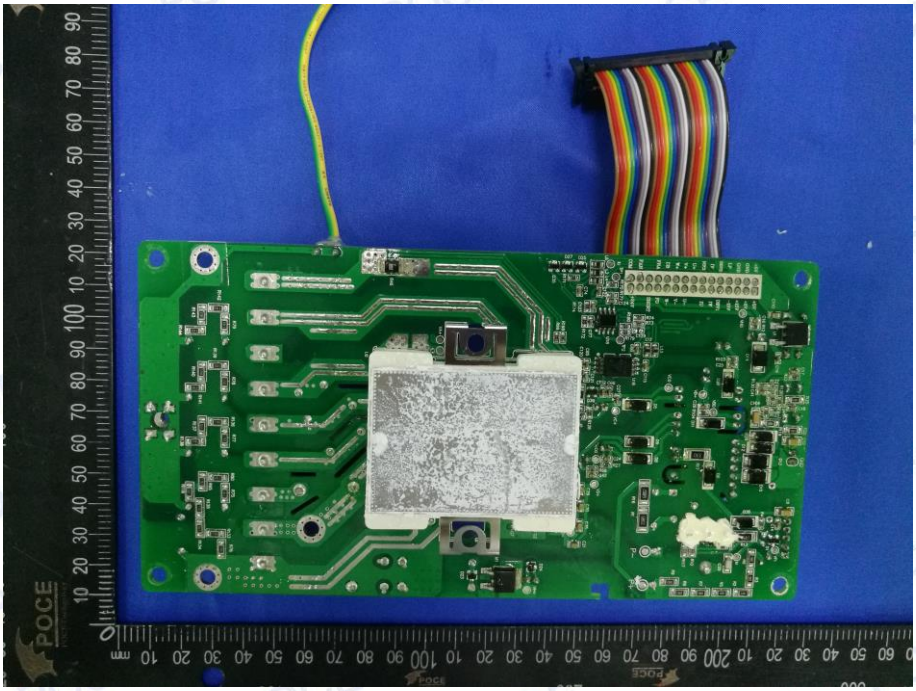


Fig.14

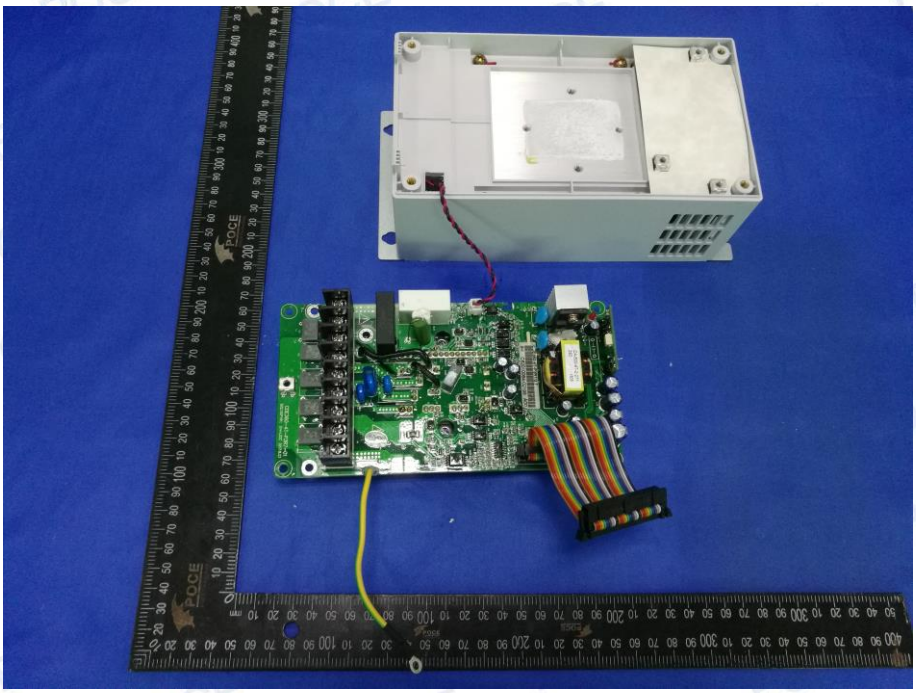


Fig.15

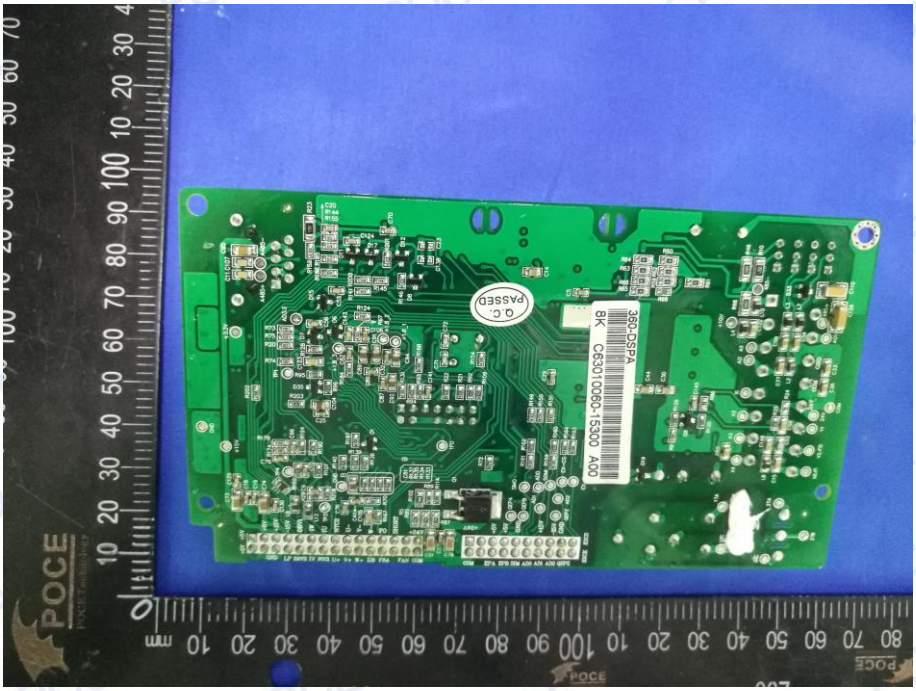


Fig.16

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