

Verification Report

No. SHAEC2116136501

Date: 08 Oct 2021

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Suzhou Blauberg Motor Technology Co.,Ltd
No.2, Shuangdeng Road Suzhou Industrial Park China

Sample Name : EC72/92 Motor
SGS Job No. : SP21-023732 - SH
Tested Basic Model No. : EC72
Date of Sample Received : 29 Jul 2021
Verification Period : 29 Jul 2021 - 30 Sep 2021
Verification Requested : With reference to RoHS Directive (EU) 2015/863 amending 2011/65/EU.
Verification Method : Please refer to next page(s).
Verification Result : Please refer to next page(s).
Verification Conclusion : Based on the verification results of the submitted samples, the results of Lead, Mercury, Cadmium, Hexavalent chromium, Polybrominated biphenyls (PBBs), Polybrominated diphenyl ethers (PBDEs) and Phthalates such as Bis(2-ethylhexyl) phthalate (DEHP) , Butyl benzyl phthalate (BBP), Dibutyl phthalate (DBP) , and Diisobutyl phthalate (DIBP) comply with the limits as set by RoHS Directive (EU) 2015/863 amending Annex II to Directive 2011/65/EU.

Signed for and on behalf of
SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd.



Peter Fang
Approved Signatory



SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd.
Testing Center-China Head Office

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Verification Method :

1. With reference to IEC 62321-2:2013, review was performed for the samples disjointed from the submitted articles.
2. With reference to IEC 62321-1:2013, tests were performed for the samples indicated by the photos in this report
 - (1) With reference to IEC 62321-3-1:2013, screening by EDXRF spectroscopy
 - (2) Wet chemical test method
 - a. With reference to IEC 62321-5:2013, determination of Cadmium by ICP-OES
 - b. With reference to IEC 62321-5:2013, determination of Lead by ICP-OES
 - c. With reference to IEC 62321-4:2013+A1:2017, determination of Mercury by ICP-OES
 - d. With reference to IEC 62321-7-1:2015, IEC 62321-7-2:2017 & ISO 17075-1:2017, determination of Hexavalent chromium by Colorimetric method using UV-Vis.
 - e. With reference to IEC 62321-6:2015, determination of PBBs and PBDEs by GC-MS
3. With reference to IEC 62321-8:2017, determination of phthalates by GC-MS.



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Part No.	Part Description	Restricted Substances	Results of EDXRF ⁽¹⁾	Screening Result of PHTH ⁽²⁾	Result of Wet Chemical Testing ⁽³⁾ (mg/kg)	Conclusion on EU RoHS	Sample Submitted / Resubmitted Date
1	Silvery metal (base)	Pb	BL	---	---	Comply	29 Jul 2021
		Cd	BL	---	---	Comply	
		Hg	BL	---	---	Comply	
		Cr(VI)▼	BL	---	---	Comply	
		PBBs	---	---	---	---	
		PBDEs	---	---	---	---	
		DBP	---	---	---	---	
		BBP	---	---	---	---	
		DEHP	---	---	---	---	
		DIBP	---	---	---	---	
2	Light blue adhesive (base)	Pb	BL	---	---	Comply	29 Jul 2021
		Cd	BL	---	---	Comply	
		Hg	BL	---	---	Comply	
		Cr(VI)▼	BL	---	---	Comply	
		PBBs	BL	---	---	Comply	
		PBDEs	BL	---	---	Comply	
		DBP	---	IN	ND	Comply	
		BBP	---	IN	ND	Comply	
		DEHP	---	IN	ND	Comply	
		DIBP	---	IN	ND	Comply	



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3	Black rubber (base)	Pb	BL	---	---	Comply	29 Jul 2021
		Cd	BL	---	---	Comply	
		Hg	BL	---	---	Comply	
		Cr(VI)▼	BL	---	---	Comply	
		PBBs	BL	---	---	Comply	
		PBDEs	BL	---	---	Comply	
		DBP	---	IN	ND	Comply	
		BBP	---	IN	ND	Comply	
		DEHP	---	IN	ND	Comply	
		DIBP	---	IN	ND	Comply	
4	Silvery metal (screw)	Pb	BL	---	---	Comply	29 Jul 2021
		Cd	BL	---	---	Comply	
		Hg	BL	---	---	Comply	
		Cr(VI)▼	BL	---	---	Comply	
		PBBs	---	---	---	---	
		PBDEs	---	---	---	---	
		DBP	---	---	---	---	
		BBP	---	---	---	---	
		DEHP	---	---	---	---	
		DIBP	---	---	---	---	



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Part No.	Part Description	Restricted Substances	Results of EDXRF ⁽¹⁾	Screening Result of PHTH ⁽²⁾	Result of Wet Chemical Testing ⁽³⁾ (mg/kg)	Conclusion on EU RoHS	Sample Submitted / Resubmitted Date
5	Black plastic (wire fixed block)	Pb Cd Hg Cr(VI)▼ PBBs PBDEs DBP BBP DEHP DIBP	BL BL BL BL BL BL --- --- --- ---	--- --- --- --- --- --- IN IN IN IN	--- --- --- --- --- --- ND ND ND ND	Comply Comply Comply Comply Comply Comply Comply Comply Comply Comply	29 Jul 2021
6	Black plastic (outer jacket)	Pb Cd Hg Cr(VI)▼ PBBs PBDEs DBP BBP DEHP DIBP	BL BL BL BL BL BL --- --- --- ---	--- --- --- --- --- --- IN IN IN IN	--- --- --- --- --- --- ND ND ND ND	Comply Comply Comply Comply Comply Comply Comply Comply Comply Comply	29 Jul 2021



Part No.	Part Description	Restricted Substances	Results of EDXRF ⁽¹⁾	Screening Result of PHTH ⁽²⁾	Result of Wet Chemical Testing ⁽³⁾ (mg/kg)	Conclusion on EU RoHS	Sample Submitted / Resubmitted Date
7	Yellow/Green plastic (inner jacket)	Pb Cd Hg Cr(VI)▼ PBBs PBDEs DBP BBP DEHP DIBP	BL BL BL BL BL BL --- --- --- ---	--- --- --- --- --- --- IN IN IN IN	--- --- --- --- --- --- ND ND ND ND	Comply Comply Comply Comply Comply Comply Comply Comply Comply Comply	29 Jul 2021
8	Brown plastic (inner jacket)	Pb Cd Hg Cr(VI)▼ PBBs PBDEs DBP BBP DEHP DIBP	BL BL BL BL BL BL --- --- --- ---	--- --- --- --- --- --- IN IN IN IN	--- --- --- --- --- --- ND ND ND ND	Comply Comply Comply Comply Comply Comply Comply Comply Comply Comply	29 Jul 2021



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Part No.	Part Description	Restricted Substances	Results of EDXRF ⁽¹⁾	Screening Result of PHTH ⁽²⁾	Result of Wet Chemical Testing ⁽³⁾ (mg/kg)	Conclusion on EU RoHS	Sample Submitted / Resubmitted Date
9	Blue plastic (inner jacket)	Pb	BL	---	---	Comply	29 Jul 2021
		Cd	BL	---	---	Comply	
		Hg	BL	---	---	Comply	
		Cr(VI)▼	BL	---	---	Comply	
		PBBs	BL	---	---	Comply	
		PBDEs	BL	---	---	Comply	
		DBP	---	IN	ND	Comply	
		BBP	---	IN	ND	Comply	
		DEHP	---	IN	ND	Comply	
		DIBP	---	IN	ND	Comply	
10	Black plastic (shell)	Pb	BL	---	---	Comply	29 Jul 2021
		Cd	BL	---	---	Comply	
		Hg	BL	---	---	Comply	
		Cr(VI)▼	BL	---	---	Comply	
		PBBs	BL	---	---	Comply	
		PBDEs	BL	---	---	Comply	
		DBP	---	IN	ND	Comply	
		BBP	---	IN	ND	Comply	
		DEHP	---	IN	ND	Comply	
		DIBP	---	IN	ND	Comply	



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Part No.	Part Description	Restricted Substances	Results of EDXRF ⁽¹⁾	Screening Result of PHTH ⁽²⁾	Result of Wet Chemical Testing ⁽³⁾ (mg/kg)	Conclusion on EU RoHS	Sample Submitted / Resubmitted Date
11	Brown plastic (bushing)	Pb	BL	---	---	Comply	29 Jul 2021
		Cd	BL	---	---	Comply	
		Hg	BL	---	---	Comply	
		Cr(VI)▼	BL	---	---	Comply	
		PBBs	BL	---	---	Comply	
		PBDEs	BL	---	---	Comply	
		DBP	---	IN	ND	Comply	
		BBP	---	IN	ND	Comply	
		DEHP	---	IN	ND	Comply	
		DIBP	---	IN	ND	Comply	
12	Silvery metal (pin)	Pb	BL	---	---	Comply	29 Jul 2021
		Cd	BL	---	---	Comply	
		Hg	BL	---	---	Comply	
		Cr(VI)▼	BL	---	---	Comply	
		PBBs	---	---	---	---	
		PBDEs	---	---	---	---	
		DBP	---	---	---	---	
		BBP	---	---	---	---	
		DEHP	---	---	---	---	
		DIBP	---	---	---	---	



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Part No.	Part Description	Restricted Substances	Results of EDXRF ⁽¹⁾	Screening Result of PHTH ⁽²⁾	Result of Wet Chemical Testing ⁽³⁾ (mg/kg)	Conclusion on EU RoHS	Sample Submitted / Resubmitted Date
13	Silvery metal (dust shield) (bearing)	Pb Cd Hg Cr(VI)▼ PBBs PBDEs DBP BBP DEHP DIBP	BL BL BL BL --- --- --- --- --- ---	--- --- --- --- --- --- --- --- --- ---	--- --- --- --- --- --- --- --- --- ---	Comply Comply Comply Comply --- --- --- --- --- ---	29 Jul 2021
14	Silvery metal (outer ring) (bearing)	Pb Cd Hg Cr(VI)▼ PBBs PBDEs DBP BBP DEHP DIBP	BL BL BL IN --- --- --- --- --- ---	--- --- --- --- --- --- --- --- --- ---	--- --- --- ND --- --- --- --- --- ---	Comply Comply Comply Comply --- --- --- --- --- ---	29 Jul 2021



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15	Blue coating (shell)	Pb Cd Hg Cr(VI)▼ PBBs PBDEs DBP BBP DEHP DIBP	BL BL BL BL BL BL --- --- --- ---	--- --- --- --- --- --- IN IN IN IN	--- --- --- --- --- --- ND ND 216 ND	Comply Comply Comply Comply Comply Comply Comply Comply Comply Comply	29 Jul 2021
16	Silvery metal (substrate) (shell)	Pb Cd Hg Cr(VI)▼ PBBs PBDEs DBP BBP DEHP DIBP	BL BL BL BL --- --- --- --- --- ---	--- --- --- --- --- --- --- --- --- ---	--- --- --- --- --- --- --- --- --- ---	Comply Comply Comply Comply --- --- --- --- --- ---	29 Jul 2021



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Part No.	Part Description	Restricted Substances	Results of EDXRF ⁽¹⁾	Screening Result of PHTH ⁽²⁾	Result of Wet Chemical Testing ⁽³⁾ (mg/kg)	Conclusion on EU RoHS	Sample Submitted / Resubmitted Date
17	Silvery metal (shaft)	Pb Cd Hg Cr(VI)▼ PBBs PBDEs DBP BBP DEHP DIBP	BL BL BL IN --- --- --- --- --- ---	--- --- --- --- --- --- --- --- --- ---	--- --- --- ND --- --- --- --- --- ---	Comply Comply Comply Comply --- --- --- --- --- ---	29 Jul 2021
18	Silvery metal (bushing)	Pb Cd Hg Cr(VI)▼ PBBs PBDEs DBP BBP DEHP DIBP	BL BL BL IN --- --- --- --- --- ---	--- --- --- --- --- --- --- --- --- ---	--- --- --- ND --- --- --- --- --- ---	Comply Comply Comply Comply --- --- --- --- --- ---	29 Jul 2021



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Part No.	Part Description	Restricted Substances	Results of EDXRF ⁽¹⁾	Screening Result of PHTH ⁽²⁾	Result of Wet Chemical Testing ⁽³⁾ (mg/kg)	Conclusion on EU RoHS	Sample Submitted / Resubmitted Date
19	Black metal (circlip)	Pb	BL	---	---	Comply	29 Jul 2021
		Cd	BL	---	---	Comply	
		Hg	BL	---	---	Comply	
		Cr(VI)▼	IN	---	ND	Comply	
		PBBs	---	---	---	---	
		PBDEs	---	---	---	---	
		DBP	---	---	---	---	
		BBP	---	---	---	---	
		DEHP	---	---	---	---	
		DIBP	---	---	---	---	
20	White adhesive (PCB)	Pb	BL	---	---	Comply	29 Jul 2021
		Cd	BL	---	---	Comply	
		Hg	BL	---	---	Comply	
		Cr(VI)▼	BL	---	---	Comply	
		PBBs	BL	---	---	Comply	
		PBDEs	BL	---	---	Comply	
		DBP	---	IN	ND	Comply	
		BBP	---	IN	ND	Comply	
		DEHP	---	IN	ND	Comply	
		DIBP	---	IN	ND	Comply	



Part No.	Part Description	Restricted Substances	Results of EDXRF ⁽¹⁾	Screening Result of PHTH ⁽²⁾	Result of Wet Chemical Testing ⁽³⁾ (mg/kg)	Conclusion on EU RoHS	Sample Submitted / Resubmitted Date
21	Brown plastic (shell) (capacitor) (PCB)	Pb Cd Hg Cr(VI)▼ PBBs PBDEs DBP BBP DEHP DIBP	BL BL BL BL BL BL --- --- --- ---	--- --- --- --- --- --- IN IN IN IN	--- --- --- --- --- --- ND ND ND ND	Comply Comply Comply Comply Comply Comply Comply Comply Comply Comply	29 Jul 2021
22	Brown plastic (shell) (electrolytic capacitor) (PCB)	Pb Cd Hg Cr(VI)▼ PBBs PBDEs DBP BBP DEHP DIBP	BL BL BL BL BL BL --- --- --- ---	--- --- --- --- --- --- IN IN IN IN	--- --- --- --- --- --- ND ND ND ND	Comply Comply Comply Comply Comply Comply Comply Comply Comply Comply	29 Jul 2021



Part No.	Part Description	Restricted Substances	Results of EDXRF ⁽¹⁾	Screening Result of PHTH ⁽²⁾	Result of Wet Chemical Testing ⁽³⁾ (mg/kg)	Conclusion on EU RoHS	Sample Submitted / Resubmitted Date
23	Black IC (body) (PCB)	Pb	BL	---	---	Comply	29 Jul 2021
		Cd	BL	---	---	Comply	
		Hg	BL	---	---	Comply	
		Cr(VI)▼	BL	---	---	Comply	
		PBBs	IN	---	ND	Comply	
		PBDEs	IN	---	ND	Comply	
		DBP	---	IN	ND	Comply	
		BBP	---	IN	ND	Comply	
		DEHP	---	IN	ND	Comply	
		DIBP	---	IN	ND	Comply	
24	Yellow plastic (shell) (capacitor) (PCB)	Pb	BL	---	---	Comply	29 Jul 2021
		Cd	BL	---	---	Comply	
		Hg	BL	---	---	Comply	
		Cr(VI)▼	BL	---	---	Comply	
		PBBs	IN	---	ND	Comply	
		PBDEs	IN	---	ND	Comply	
		DBP	---	IN	ND	Comply	
		BBP	---	IN	ND	Comply	
		DEHP	---	IN	ND	Comply	
		DIBP	---	IN	ND	Comply	



Part No.	Part Description	Restricted Substances	Results of EDXRF ⁽¹⁾	Screening Result of PHTH ⁽²⁾	Result of Wet Chemical Testing ⁽³⁾ (mg/kg)	Conclusion on EU RoHS	Sample Submitted / Resubmitted Date
25	Transparent solid (capacitor) (PCB)	Pb Cd Hg Cr(VI)▼ PBBs PBDEs DBP BBP DEHP DIBP	BL BL BL BL IN IN --- --- --- ---	--- --- --- --- --- --- IN IN IN IN	--- --- --- --- ND ND ND ND ND ND	Comply Comply Comply Comply Comply Comply Comply Comply Comply Comply	29 Jul 2021
26	Blue capacitor (body) (PCB)	Pb Cd Hg Cr(VI)▼ PBBs PBDEs DBP BBP DEHP DIBP	BL BL BL BL BL BL --- --- --- ---	--- --- --- --- --- --- IN IN IN IN	--- --- --- --- --- --- ND ND ND ND	Comply Comply Comply Comply Comply Comply Comply Comply Comply Comply	29 Jul 2021



Part No.	Part Description	Restricted Substances	Results of EDXRF ⁽¹⁾	Screening Result of PHTH ⁽²⁾	Result of Wet Chemical Testing ⁽³⁾ (mg/kg)	Conclusion on EU RoHS	Sample Submitted / Resubmitted Date
27	Black capacitor (body) (PCB)	Pb Cd Hg Cr(VI)▼ PBBs PBDEs DBP BBP DEHP DIBP	BL BL BL BL BL BL --- --- --- ---	--- --- --- --- --- --- IN IN IN IN	--- --- --- --- --- --- ND ND ND ND	Comply Comply Comply Comply Comply Comply Comply Comply Comply Comply	29 Jul 2021
28	Black plastic (adhesive tape) (transformer) (PCB)	Pb Cd Hg Cr(VI)▼ PBBs PBDEs DBP BBP DEHP DIBP	BL BL BL BL BL BL --- --- --- ---	--- --- --- --- --- --- IN IN IN IN	--- --- --- --- --- --- ND ND ND ND	Comply Comply Comply Comply Comply Comply Comply Comply Comply Comply	29 Jul 2021



Part No.	Part Description	Restricted Substances	Results of EDXRF ⁽¹⁾	Screening Result of PHTH ⁽²⁾	Result of Wet Chemical Testing ⁽³⁾ (mg/kg)	Conclusion on EU RoHS	Sample Submitted / Resubmitted Date
29	Yellow plastic (sticky paper) (shell) (transformer) (PCB)	Pb	BL	---	---	Comply	29 Jul 2021
		Cd	BL	---	---	Comply	
		Hg	BL	---	---	Comply	
		Cr(VI)▼	BL	---	---	Comply	
		PBBs	BL	---	---	Comply	
		PBDEs	BL	---	---	Comply	
		DBP	---	IN	ND	Comply	
		BBP	---	IN	ND	Comply	
		DEHP	---	IN	ND	Comply	
		DIBP	---	IN	ND	Comply	
30	Black IC (body) (PCB)	Pb	BL	---	---	Comply	29 Jul 2021
		Cd	BL	---	---	Comply	
		Hg	BL	---	---	Comply	
		Cr(VI)▼	BL	---	---	Comply	
		PBBs	BL	---	---	Comply	
		PBDEs	BL	---	---	Comply	
		DBP	---	IN	ND	Comply	
		BBP	---	IN	ND	Comply	
		DEHP	---	IN	ND	Comply	
		DIBP	---	IN	ND	Comply	



Part No.	Part Description	Restricted Substances	Results of EDXRF ⁽¹⁾	Screening Result of PHTH ⁽²⁾	Result of Wet Chemical Testing ⁽³⁾ (mg/kg)	Conclusion on EU RoHS	Sample Submitted / Resubmitted Date
31	Black IC (body) (PCB)	Pb	BL	---	---	Comply	29 Jul 2021
		Cd	BL	---	---	Comply	
		Hg	BL	---	---	Comply	
		Cr(VI)▼	BL	---	---	Comply	
		PBBs	BL	---	---	Comply	
		PBDEs	BL	---	---	Comply	
		DBP	---	IN	ND	Comply	
		BBP	---	IN	ND	Comply	
		DEHP	---	IN	ND	Comply	
		DIBP	---	IN	ND	Comply	
32	Black IC (body) (PCB)	Pb	BL	---	---	Comply	29 Jul 2021
		Cd	BL	---	---	Comply	
		Hg	BL	---	---	Comply	
		Cr(VI)▼	BL	---	---	Comply	
		PBBs	BL	---	---	Comply	
		PBDEs	BL	---	---	Comply	
		DBP	---	IN	ND	Comply	
		BBP	---	IN	ND	Comply	
		DEHP	---	IN	ND	Comply	
		DIBP	---	IN	ND	Comply	



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Part No.	Part Description	Restricted Substances	Results of EDXRF ⁽¹⁾	Screening Result of PHTH ⁽²⁾	Result of Wet Chemical Testing ⁽³⁾ (mg/kg)	Conclusion on EU RoHS	Sample Submitted / Resubmitted Date
33	Silvery metal (connecting piece) (PCB)	Pb Cd Hg Cr(VI)▼ PBBs PBDEs DBP BBP DEHP DIBP	BL BL BL BL --- --- --- --- --- ---	--- --- --- --- --- --- --- --- --- ---	--- --- --- --- --- --- --- --- --- ---	Comply Comply Comply Comply --- --- --- --- --- ---	29 Jul 2021
34	Silvery metal (soldering tin) (PCB)	Pb Cd Hg Cr(VI)▼ PBBs PBDEs DBP BBP DEHP DIBP	BL BL BL BL --- --- --- --- --- ---	--- --- --- --- --- --- --- --- --- ---	--- --- --- --- --- --- --- --- --- ---	Comply Comply Comply Comply --- --- --- --- --- ---	29 Jul 2021



Part No.	Part Description	Restricted Substances	Results of EDXRF ⁽¹⁾	Screening Result of PHTH ⁽²⁾	Result of Wet Chemical Testing ⁽³⁾ (mg/kg)	Conclusion on EU RoHS	Sample Submitted / Resubmitted Date
35	Green PCB (body)	Pb	BL	---	---	Comply	29 Jul 2021
		Cd	BL	---	---	Comply	
		Hg	BL	---	---	Comply	
		Cr(VI)▼	BL	---	---	Comply	
		PBBs	IN	---	---	Pending	
		PBDEs	IN	---	---	Pending	
		DBP	---	IN	ND	Comply	
		BBP	---	IN	ND	Comply	
		DEHP	---	IN	ND	Comply	
		DIBP	---	IN	ND	Comply	
36	Silvery metal (bolt)	Pb	BL	---	---	Comply	29 Jul 2021
		Cd	BL	---	---	Comply	
		Hg	BL	---	---	Comply	
		Cr(VI)▼	IN	---	ND	Comply	
		PBBs	---	---	---	---	
		PBDEs	---	---	---	---	
		DBP	---	---	---	---	
		BBP	---	---	---	---	
		DEHP	---	---	---	---	
		DIBP	---	---	---	---	



Remark

- (1) (a) There are the results on total Br while test items on restricted substances are PBBs and PBDEs. There is the result on total Cr while test item on restricted substances is Cr(VI).
 (b) 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	Polymer	Metal	Composite Materials
Cd	$BL \leq (70-3\sigma) < X < (130+3\sigma) \leq OL$	$BL \leq (70-3\sigma) < X < (130+3\sigma) \leq OL$	$LOD < X < (150+3\sigma) \leq OL$
Pb	$BL \leq (700-3\sigma) < X < (1300+3\sigma) \leq OL$	$BL \leq (700-3\sigma) < X < (1300+3\sigma) \leq OL$	$BL \leq (500-3\sigma) < X < (1500+3\sigma) \leq OL$
Hg	$BL \leq (700-3\sigma) < X < (1300+3\sigma) \leq OL$	$BL \leq (700-3\sigma) < X < (1300+3\sigma) \leq OL$	$BL \leq (500-3\sigma) < X < (1500+3\sigma) \leq OL$
Br	$BL \leq (300-3\sigma) < X$	Not Applicable	$BL \leq (250-3\sigma) < X$
Cr	$BL \leq (700-3\sigma) < X$	$BL \leq (700-3\sigma) < X$	$BL \leq (500-3\sigma) < X$

(c) BL = Below Limit, OL = Over Limit, IN = Inconclusive, LOD = Limit of Detection.

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

- (2) Screening results of PHTH are for primary screening, and further chemical testing by GC-MS (for DBP, BBP, DEHP and DIBP) are recommended to be performed if the concentration exceeds the below warning value(unit: mg/kg).

Compound	Polymer
DBP	$BL \leq 600 < X$
BBP	$BL \leq 600 < X$
DEHP	$BL \leq 600 < X$
DIBP	$BL \leq 600 < X$

- (3) (a) mg/kg = 0.0001%, MDL=Method detection Limit, ND = Not Detected (<MDL), --- = Not Applicable, - = Without BOM.

(b) Unit and MDL in wet chemical test

Test Item	Pb	Cd	Hg	DBP	BBP	DEHP	DIBP
Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
MDL	10	10	10	100	100	100	100

The MDL for single compound of PBBs and PBDEs is 100 mg/kg,
 MDL of Cr(VI) for polymer, composite and leather sample is 10 mg/kg.
 MDL of Cr(VI) for metal sample is 0.10µg/cm².



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(c) ▼=Metal sample

- a. The sample is positive for Cr(VI) if the Cr(VI) concentration is greater than 0.13 µg/cm².
The sample coating is considered to contain Cr(VI)
- b. The sample is negative for Cr(VI) if Cr(VI) is ND (concentration less than 0.10 µg/cm²).
The coating is considered a non-Cr(VI) based coating
- c. The result between 0.10 µg/cm² and 0.13 µg/cm² is considered to be inconclusive
- unavoidable coating variations may influence the determination

Information on storage conditions and production date of the tested sample is unavailable and thus Cr(VI) results represent status of the sample at the time of testing.

- (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.

IEC 62321 series is equivalent to EN 62321 series

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Sample photo:



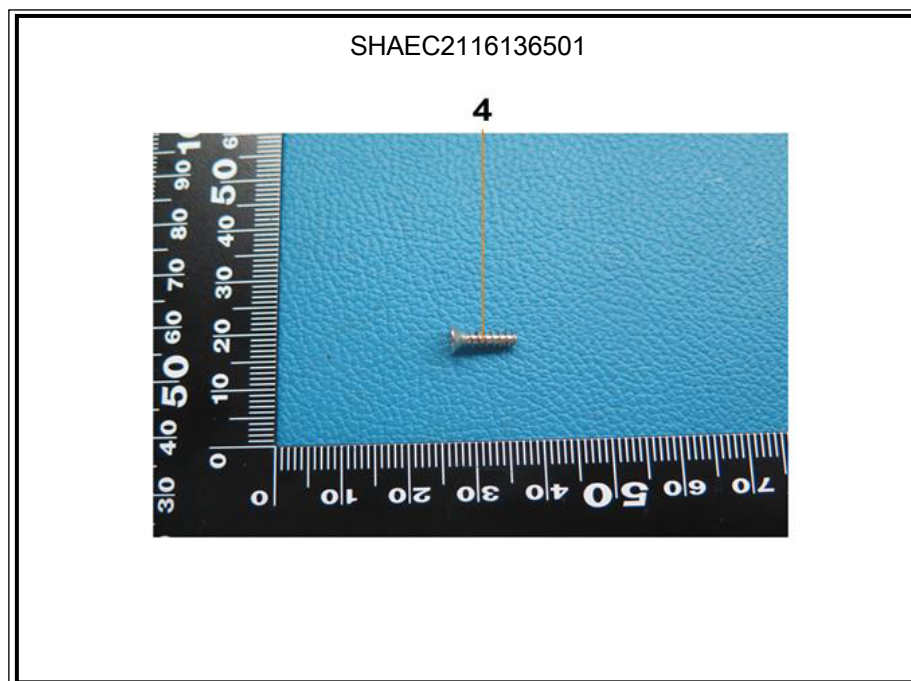
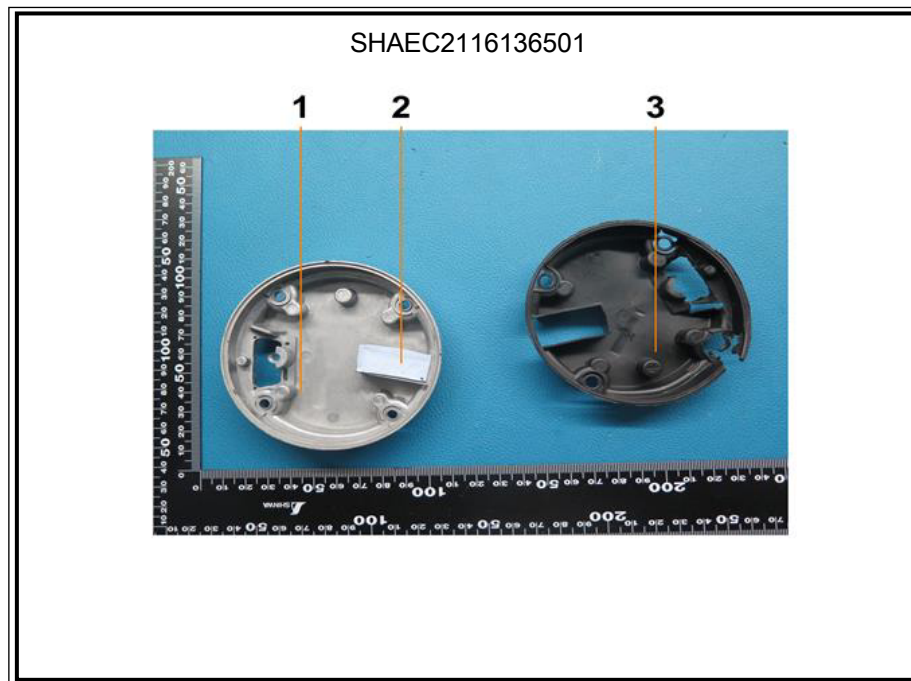
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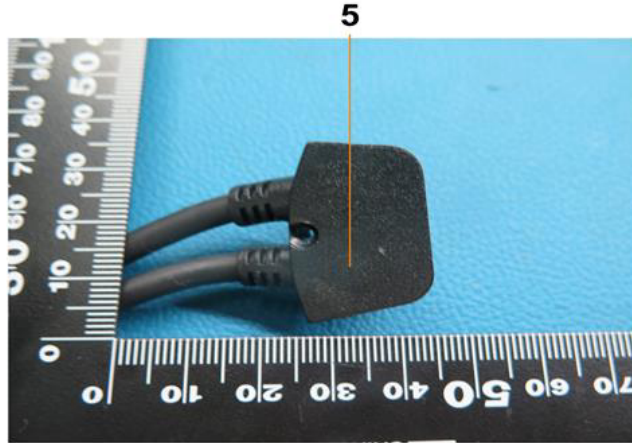
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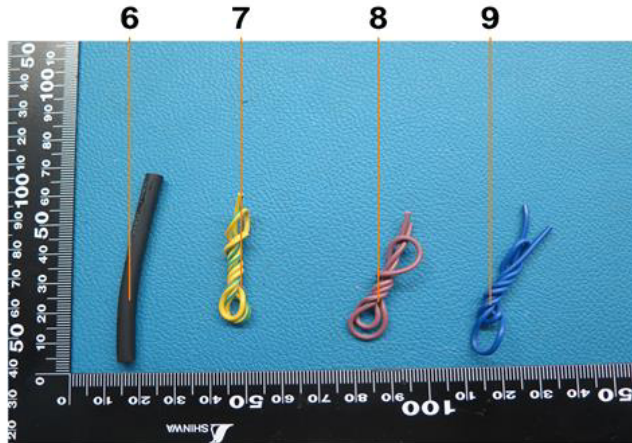
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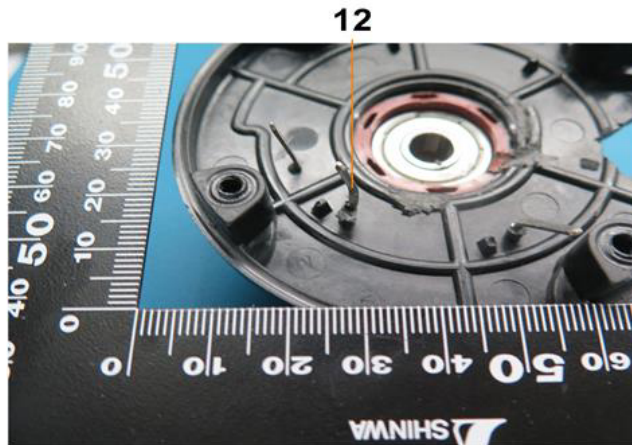
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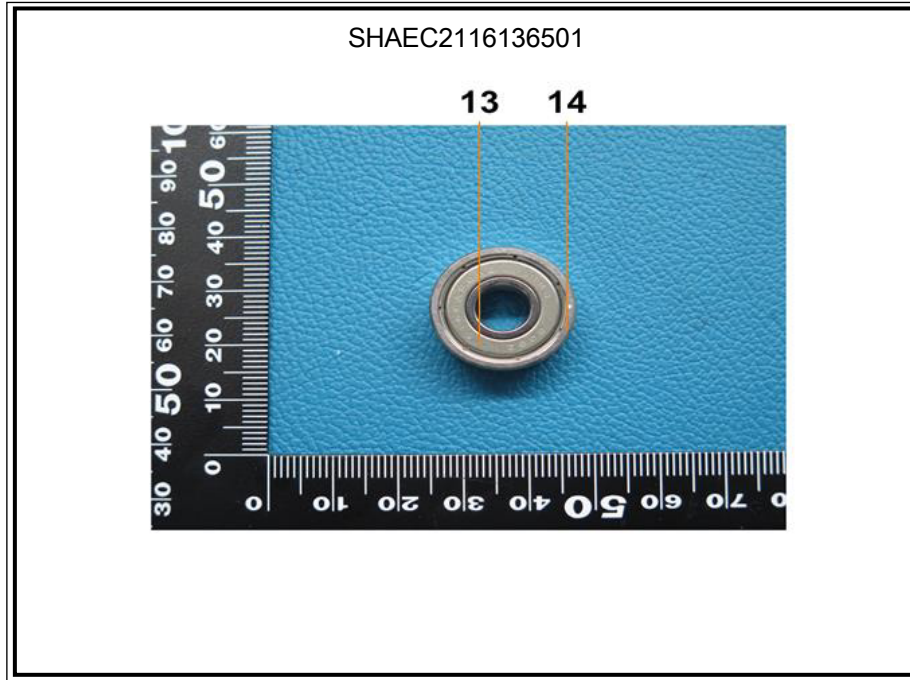
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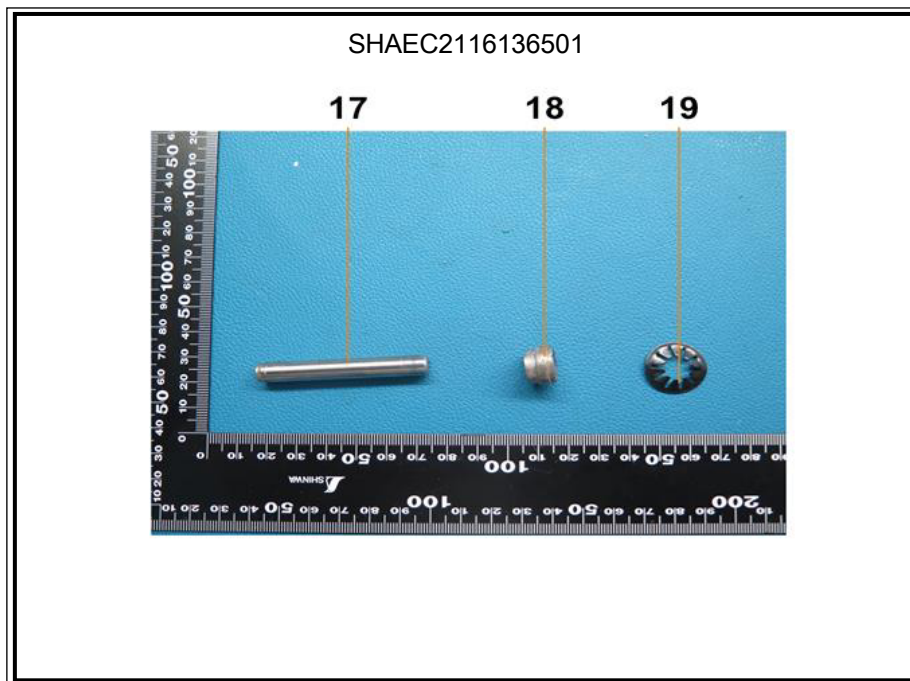
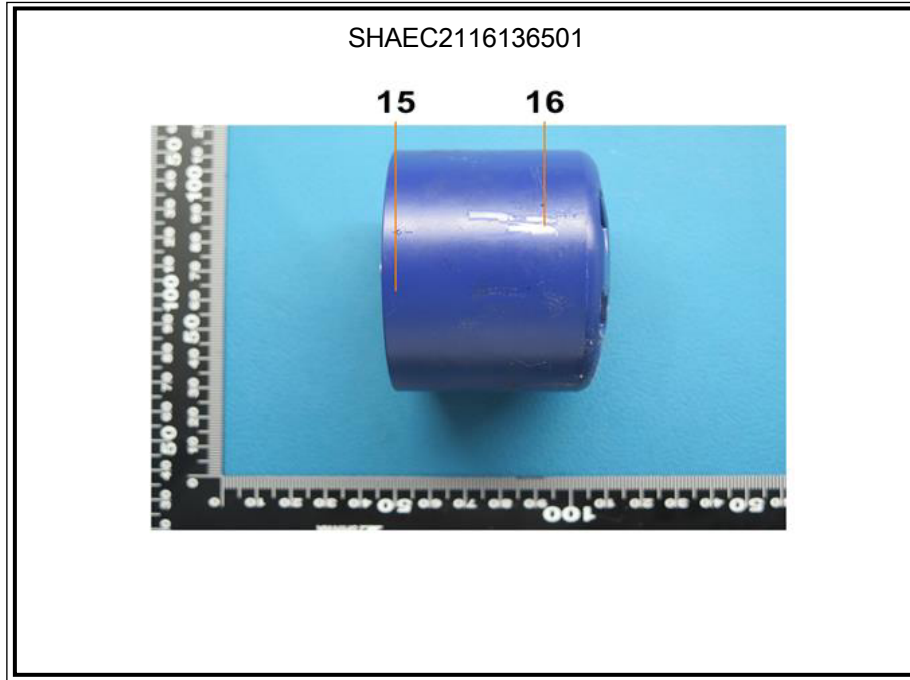
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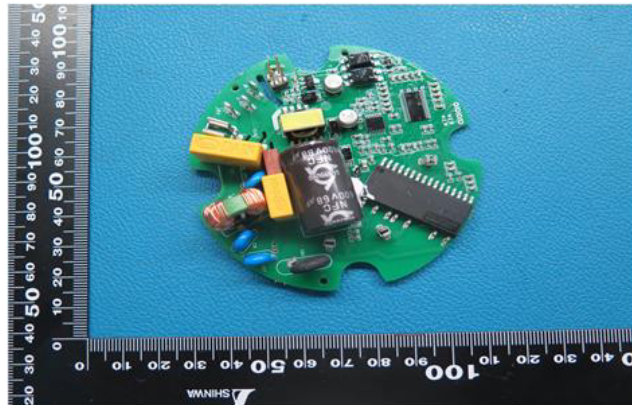
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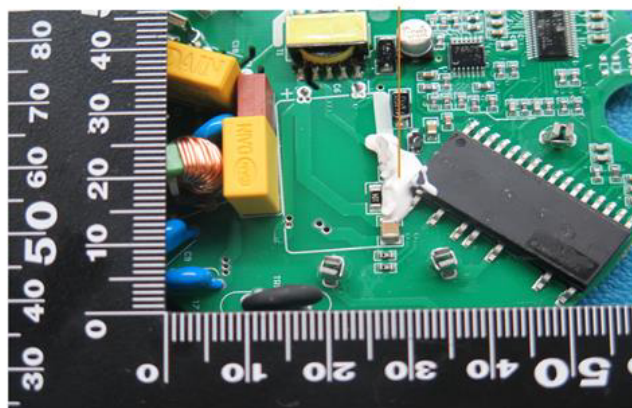
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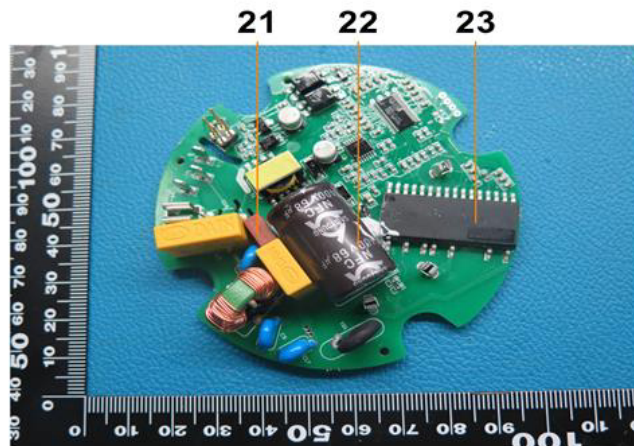


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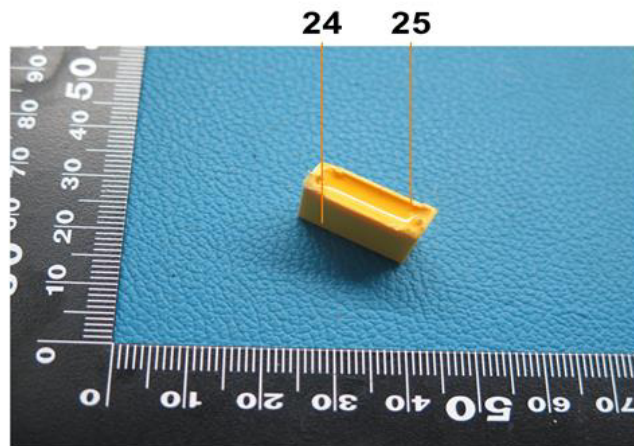
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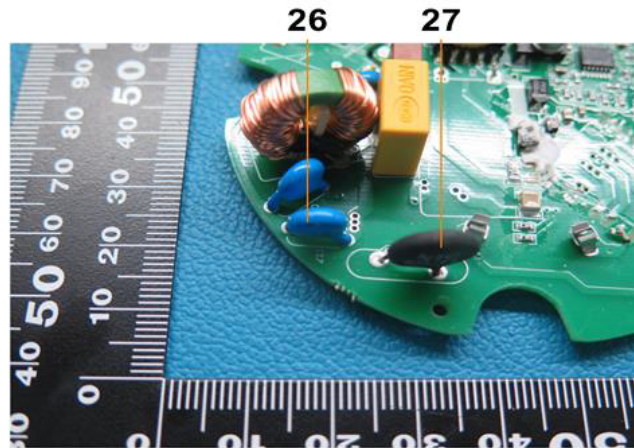
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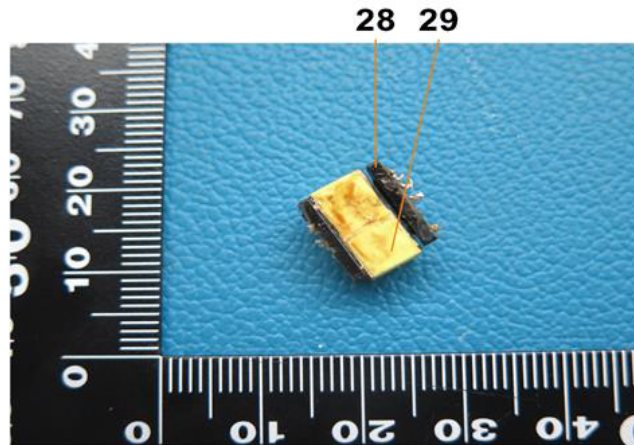
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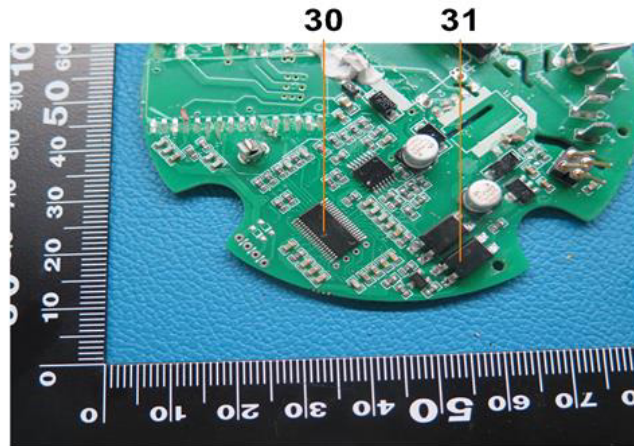
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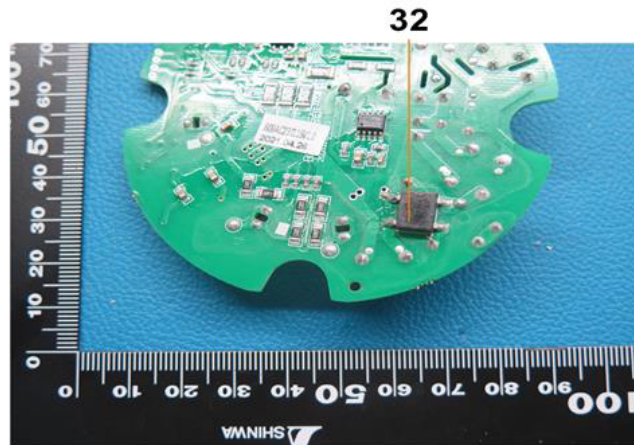
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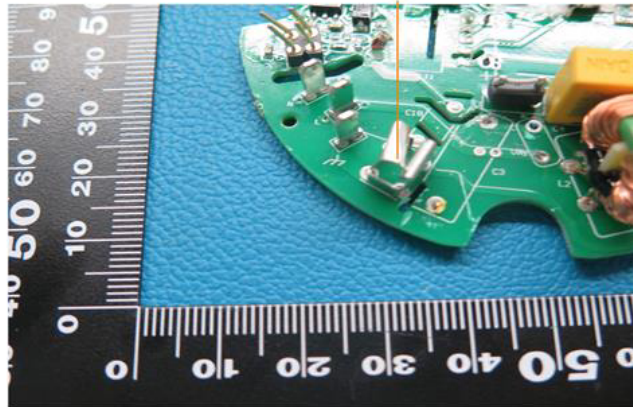


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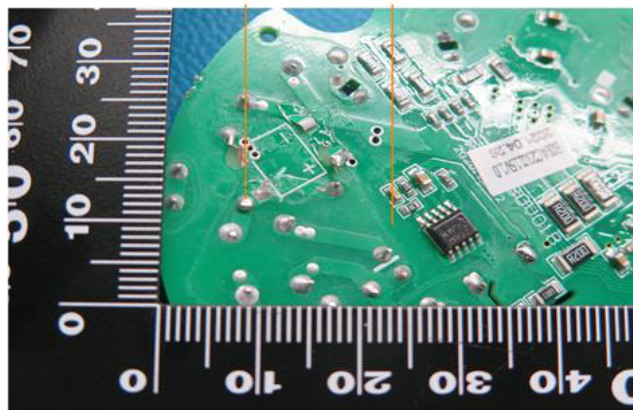
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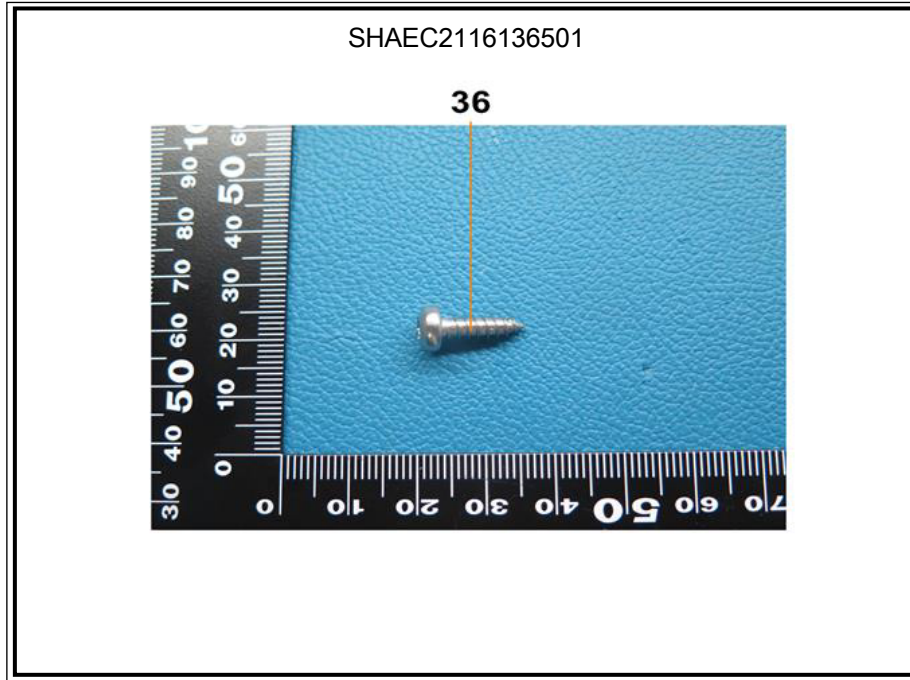


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