





Prüfbericht-Nr.: Test report no.:	CN21FXWF 001	Auftrags-Nr.: Order no.:	168321092	Seite 1 von 2 Page 1 of 2																								
Kunden-Referenz-Nr.: Client reference no.:	N/A	Auftragsdatum: Order date:	2021-05-27																									
Auftraggeber: Client:	Shenzhen Fujia Appliance Co., Ltd. 5F of Building F, Hengchangrong(xinghui) Sci-Tech. Park, Huaning Road, Longhua District, Shenzhen, Guangdong, P.R. China																											
Prüfgegenstand: Test item:	SWITCHING ADAPTER																											
Bezeichnung / Typ-Nr.: Identification / Type no.:	FJ-SW2017xxxxxxx (for definition of variables xxx, yyyy see table A on page 2 for details) (Trade mark: )																											
Auftrags-Inhalt: Order content:	TÜV Rheinland UKCA approval																											
Prüfgrundlage: Test specification:	BS EN 62368-1:2014+A11																											
Wareneingangsdatum: Date of sample receipt:	N/A																											
Prüfmuster-Nr.: Test sample no.:	N/A																											
Prüfzeitraum: Testing period:	N/A																											
Ort der Prüfung: Place of testing:	N/A																											
Prüflaboratorium: Testing laboratory:	TÜV Rheinland (Shenzhen) Co., Ltd.																											
Prüfergebnis*: Test result*:	Pass																											
geprüft von: tested by: Jericho Cheng		genehmigt von: authorized by: Jammy Zhang																										
Datum: Date: 2021-06-16		Ausstellungsdatum: Issue date: 2021-06-16																										
Stellung / Position: Project Engineer		Stellung / Position: Reviewer																										
Sonstiges / Other:	- see next page																											
Zustand des Prüfgegenstandes bei Anlieferung: Condition of the test item at delivery:																												
<table border="0"> <tr> <td>* Legende:</td> <td>1 = sehr gut</td> <td>2 = gut</td> <td>3 = befriedigend</td> <td>4 = ausreichend</td> <td>5 = mangelhaft</td> </tr> <tr> <td></td> <td>P(ass) = entspricht o.g. Prüfgrundlage(n)</td> <td>F(ail) = entspricht nicht o.g. Prüfgrundlage(n)</td> <td>N/A = nicht anwendbar</td> <td>N/T = nicht getestet</td> <td></td> </tr> <tr> <td>* Legend:</td> <td>1 = very good</td> <td>2 = good</td> <td>3 = satisfactory</td> <td>4 = sufficient</td> <td>5 = poor</td> </tr> <tr> <td></td> <td>P(ass) = passed a.m. test specification(s)</td> <td>F(ail) = failed a.m. test specification(s)</td> <td>N/A = not applicable</td> <td>N/T = not tested</td> <td></td> </tr> </table>					* Legende:	1 = sehr gut	2 = gut	3 = befriedigend	4 = ausreichend	5 = mangelhaft		P(ass) = entspricht o.g. Prüfgrundlage(n)	F(ail) = entspricht nicht o.g. Prüfgrundlage(n)	N/A = nicht anwendbar	N/T = nicht getestet		* Legend:	1 = very good	2 = good	3 = satisfactory	4 = sufficient	5 = poor		P(ass) = passed a.m. test specification(s)	F(ail) = failed a.m. test specification(s)	N/A = not applicable	N/T = not tested	
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<p>Dieser Prüfbericht bezieht sich nur auf das o.g. Prüfmuster und darf ohne Genehmigung der Prüfstelle nicht auszugsweise vervielfältigt werden. Dieser Bericht berechtigt nicht zur Verwendung eines Prüfzeichens.</p> <p><i>This test report only relates to the a. m. test sample. Without permission of the test center this test report is not permitted to be duplicated in extracts. This test report does not entitle to carry any test mark.</i></p>																												

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Sonstiges/ Other Aspects:

1. The test report is issued for TÜV Rheinland UKCA approval. This report is based on CB test reports 50098919 001 to 50098919 002 for models mentioned above. The component and product construction is not changed. No additional test required.
2. Tested according to European harmonized standards.
3. This report consists: 2 pages of this cover page, 11 pages of photo documentation (Attachment 1), 1 page of EMF assessment report (Attachment 2).

Table A : Definition of variables:

Variable:	Range of variable:	Content:
xxx	050-090, 095-195, 200-330, 360-540	'xxx' are 3 digits indicating 10 times the output voltage value in V. For example, 050 represents the output voltage is 5.0Vdc, 540 represents the output voltage is 54.0Vdc.
yyyy	0100 to 6000	'yyyy' are 4 digits indicating 1000 times the output current value in A. For example, 0100 represents the output current is 0.1A, 6000 represents the output current is 6.0 A.

Note:

The rated output voltage is rising in steps of 0.1V.

The rated output current is rising in steps of 0.01A.

Output voltage multiplied with output current are only tested up to the max. output power.

Product: SWITCHING ADAPTER

Type Designation: FJ-SW2017xxxxxxx



Figure 1. Overall view of unit



Figure 2. Overall view of unit (AC inlet: C14)

Product: SWITCHING ADAPTER

Type Designation: FJ-SW2017xxxxxxx

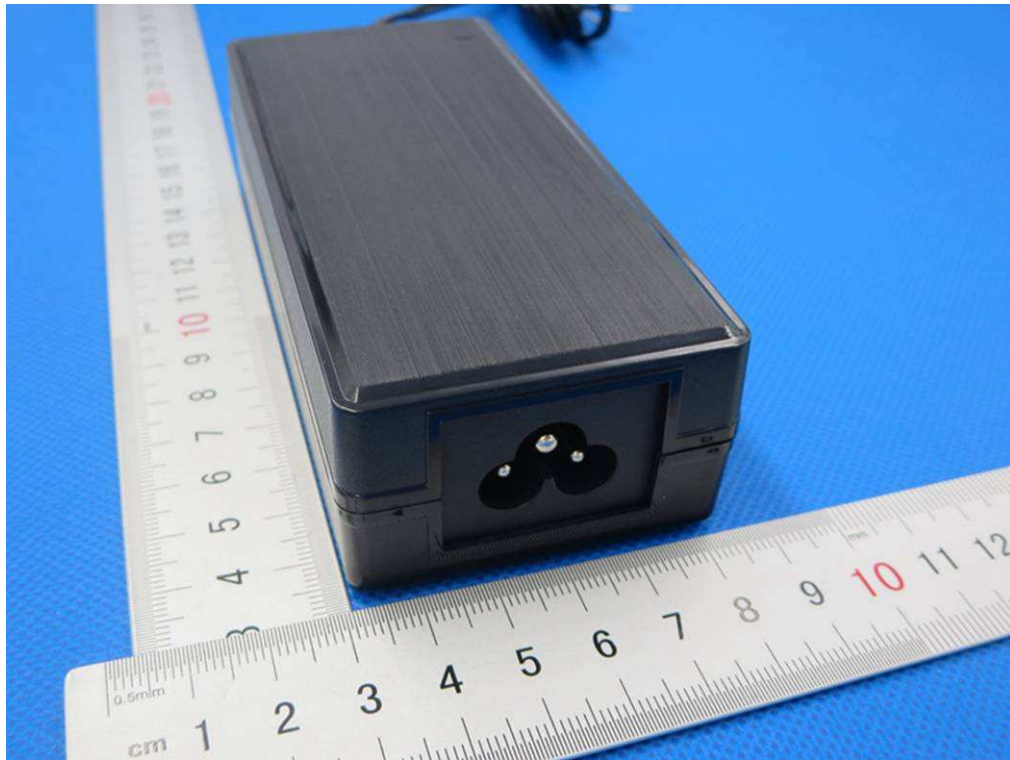


Figure 3. Overall view of unit (AC inlet: C6)

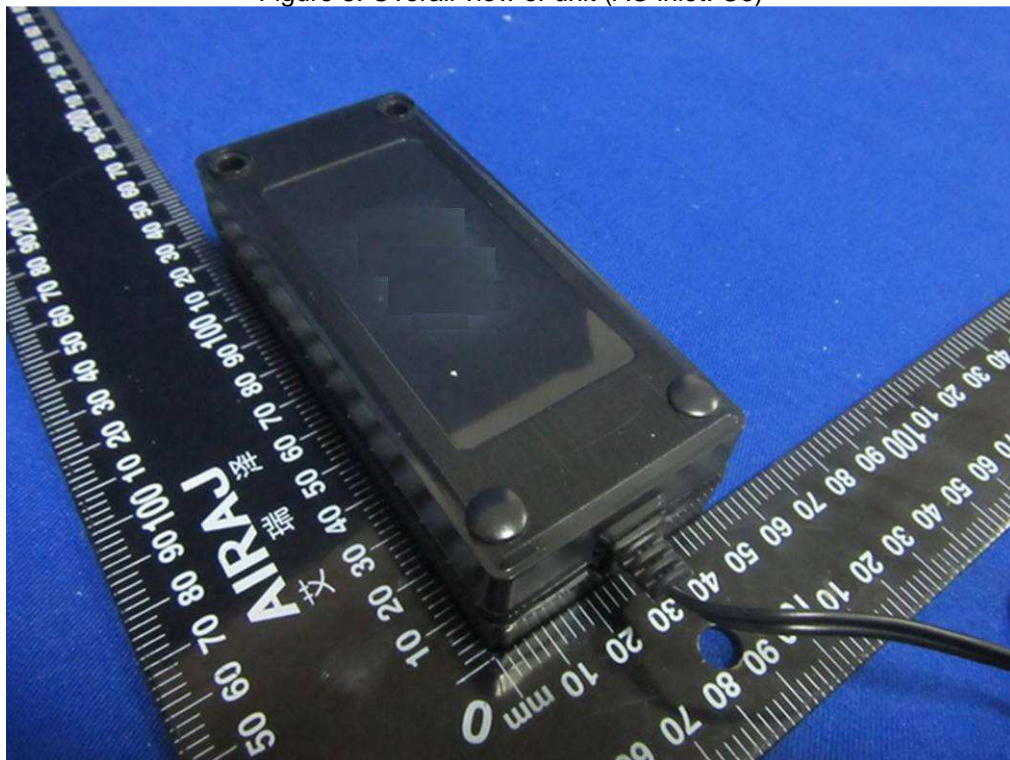


Figure 4. Overall view of unit

Product: SWITCHING ADAPTER

Type Designation: FJ-SW2017xxxxxxx

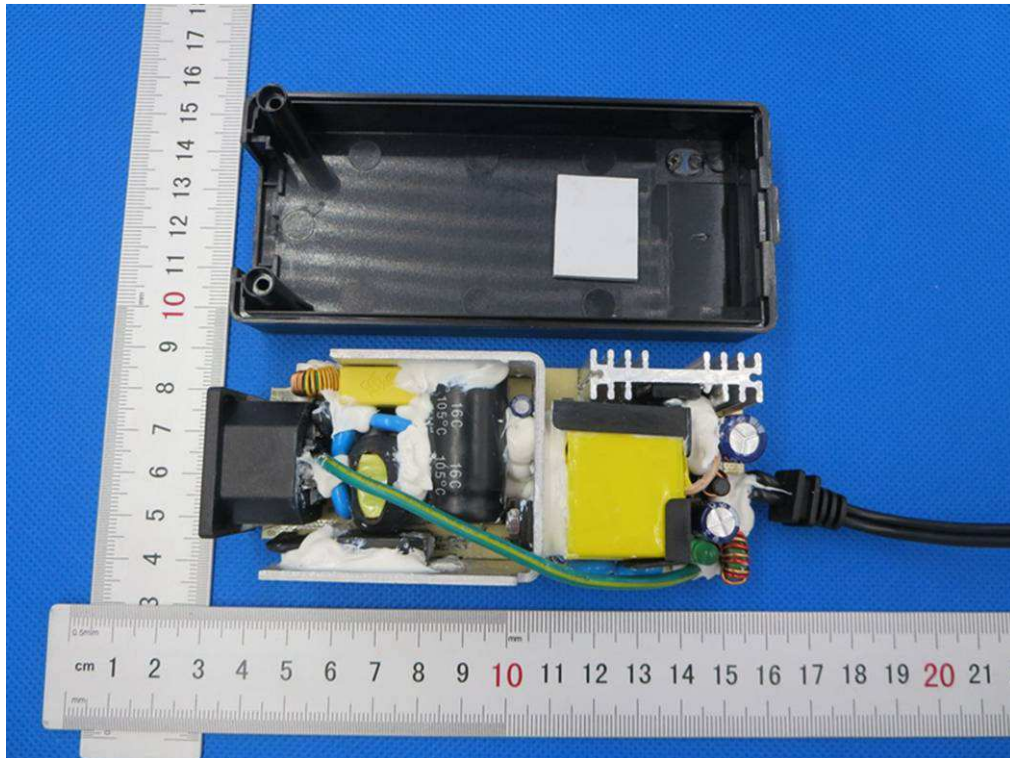


Figure 5. Internal view of unit

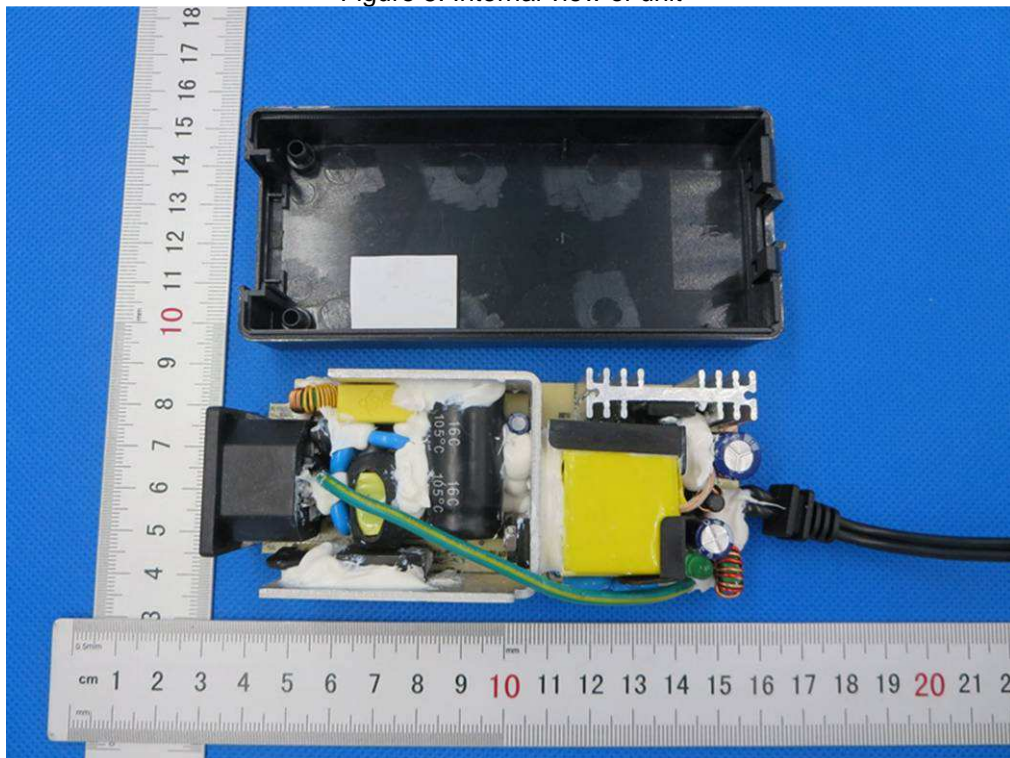


Figure 6. Internal view of unit

Product: SWITCHING ADAPTER

Type Designation: FJ-SW2017xxxxxxx

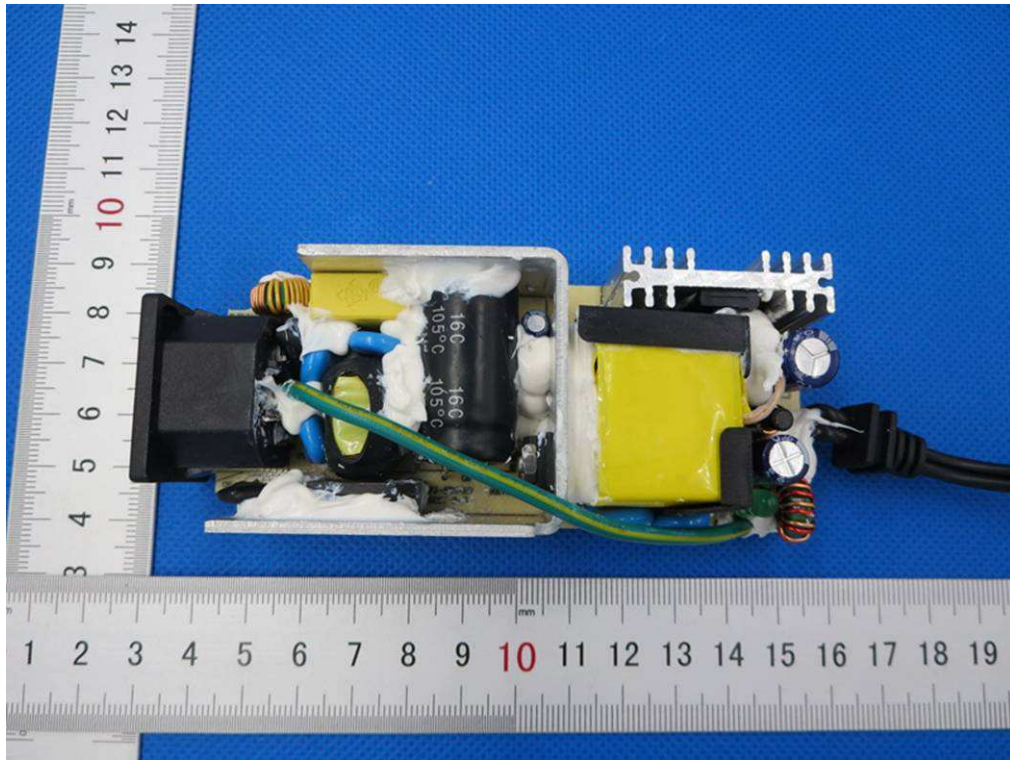


Figure 7. Component side view of PCB

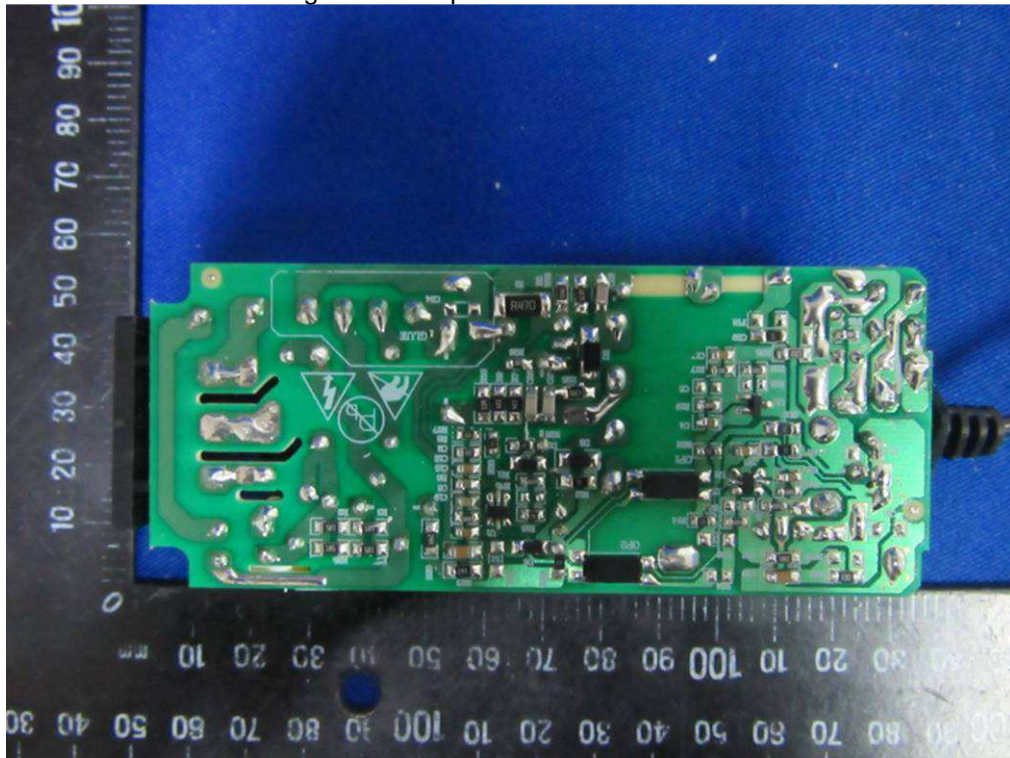


Figure 8. Trace side view of PCB

Product: SWITCHING ADAPTER

Type Designation: FJ-SW2017xxxxxxx

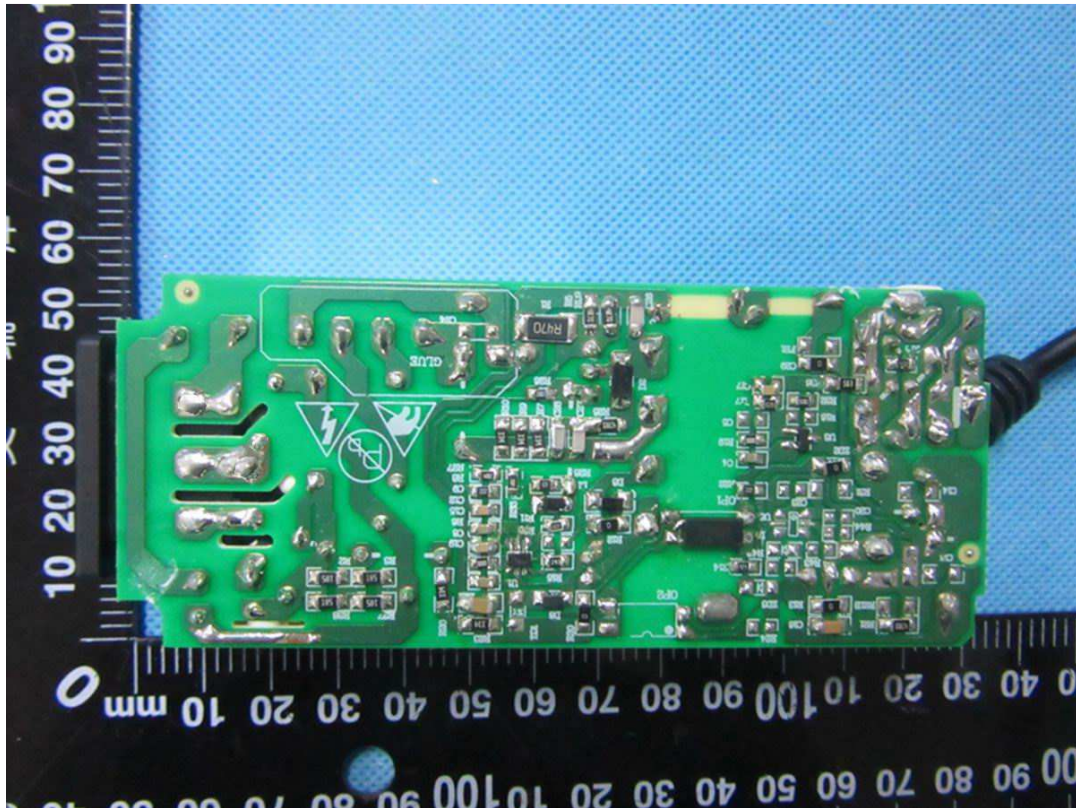


Figure 9. Trace side view of PCB (Single optocoupler)

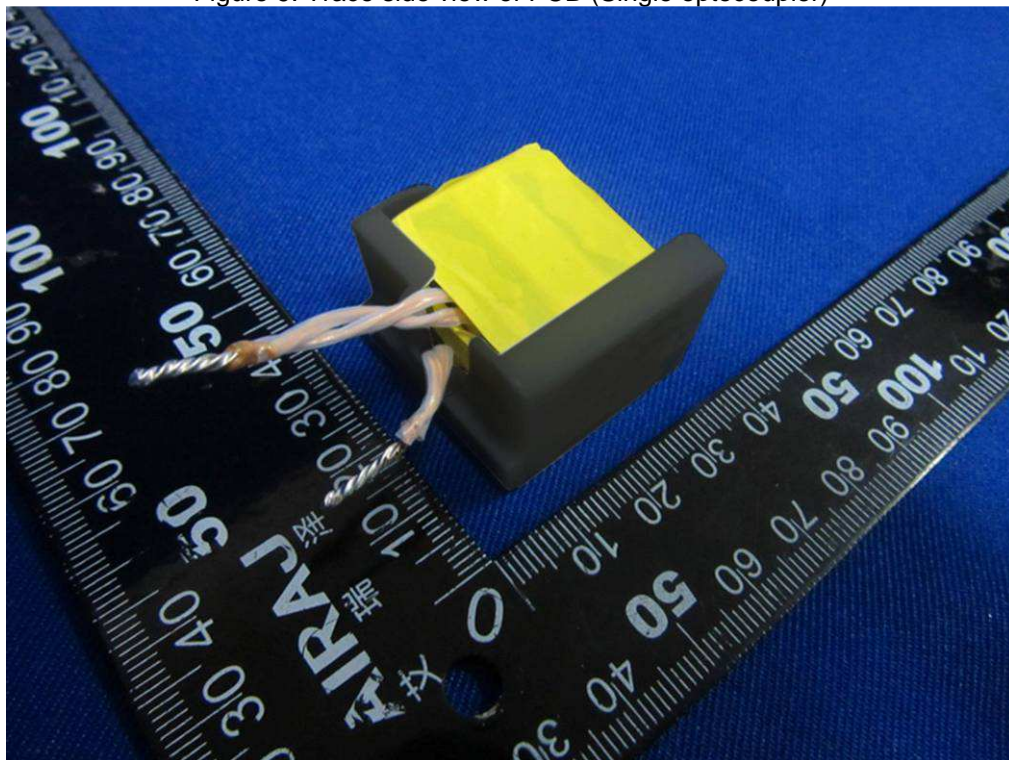


Figure 10. Overall view of transformer

Product: SWITCHING ADAPTER

Type Designation: FJ-SW2017xxxxxxx

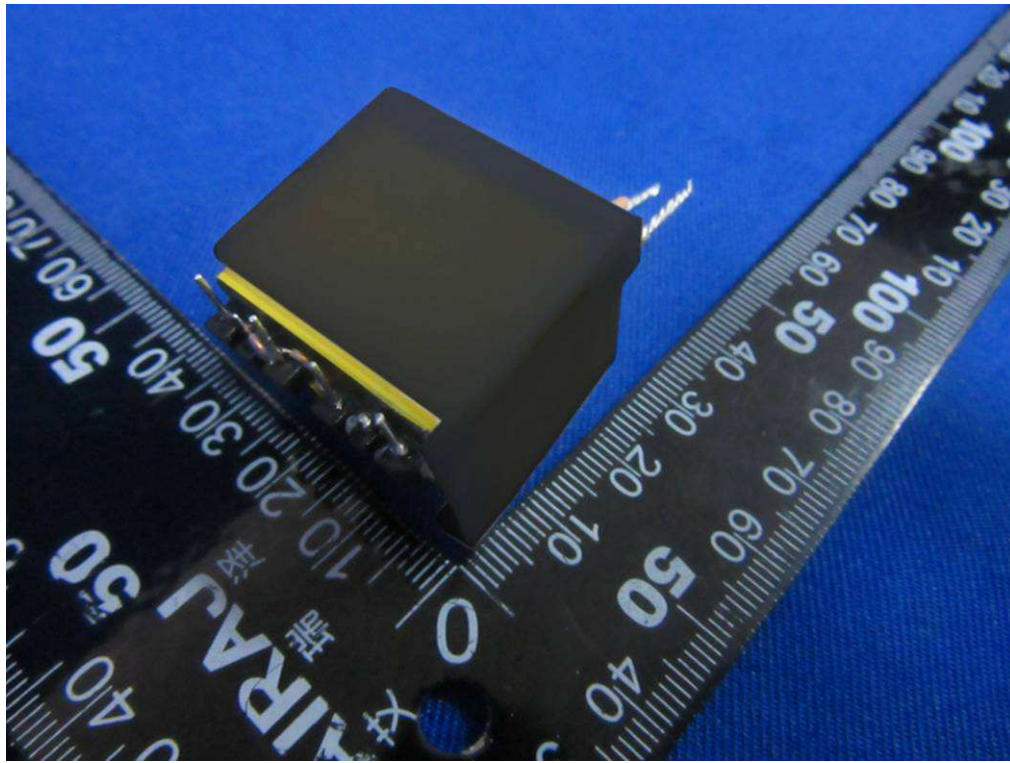


Figure 11. Overall view of transformer

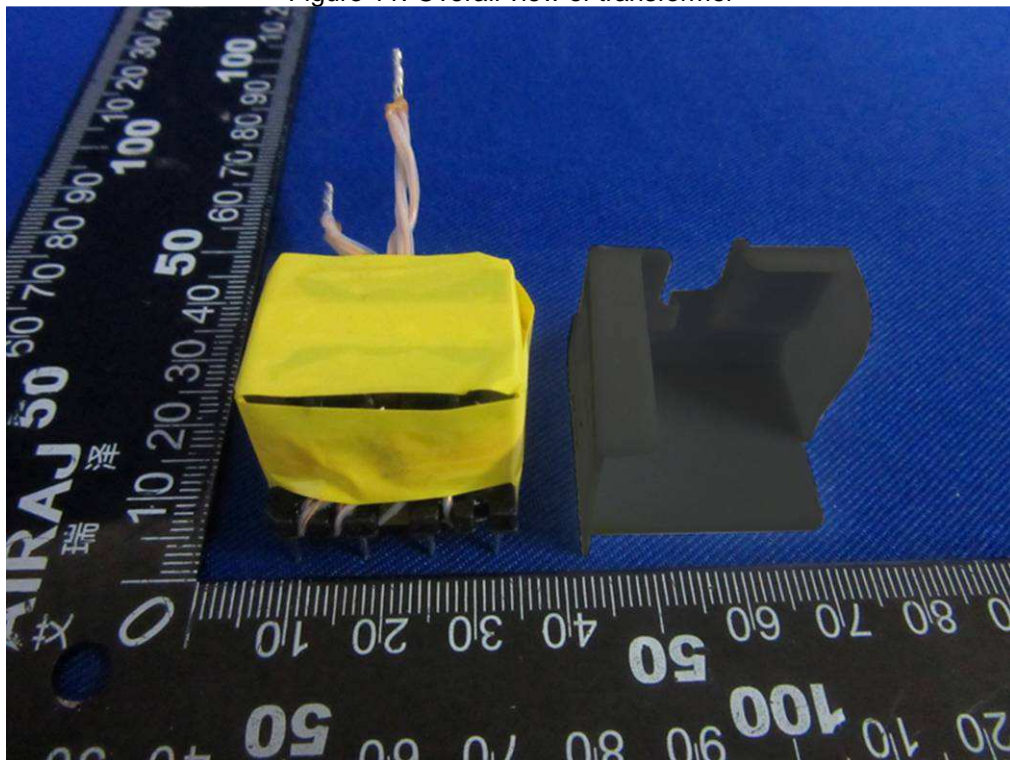


Figure 12. Detail view of transformer

Product: SWITCHING ADAPTER

Type Designation: FJ-SW2017xxxyyy

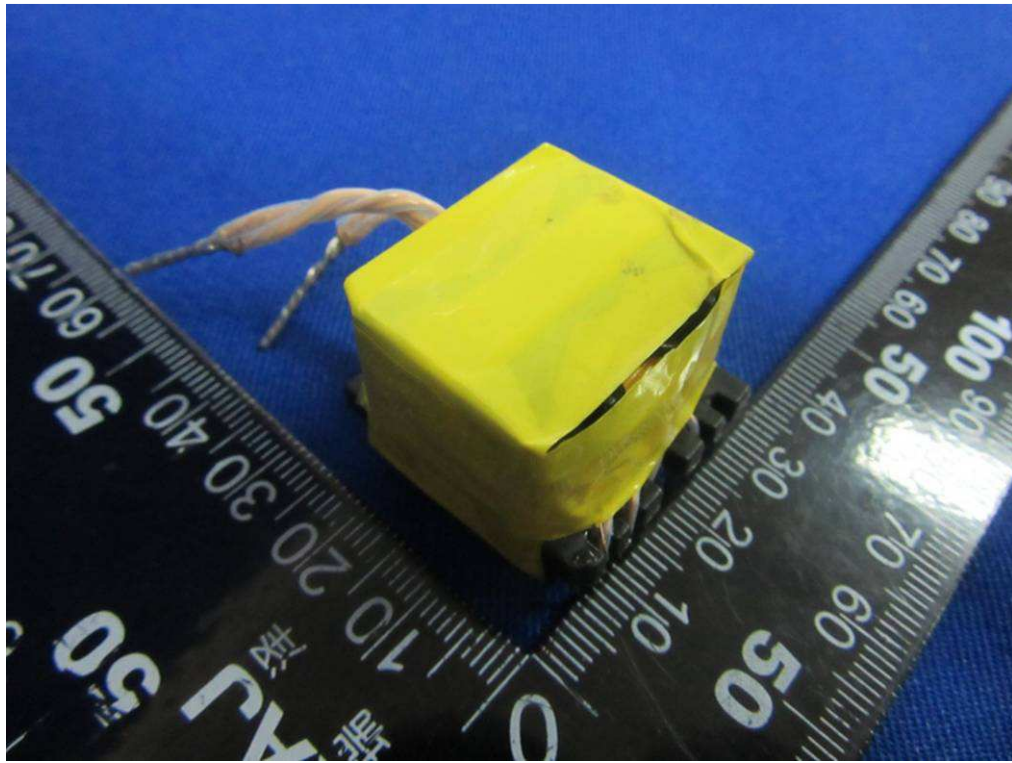


Figure 13. Detail view of transformer

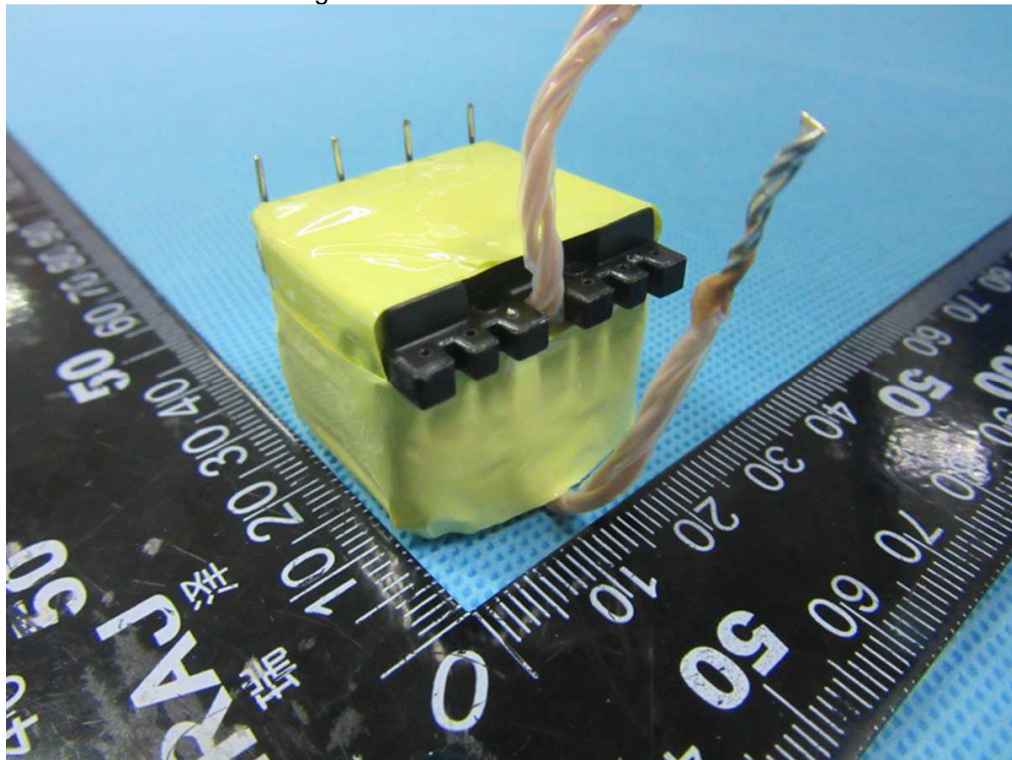


Figure 14. Detail view of transformer

Product: SWITCHING ADAPTER

Type Designation: FJ-SW2017xxxyyy

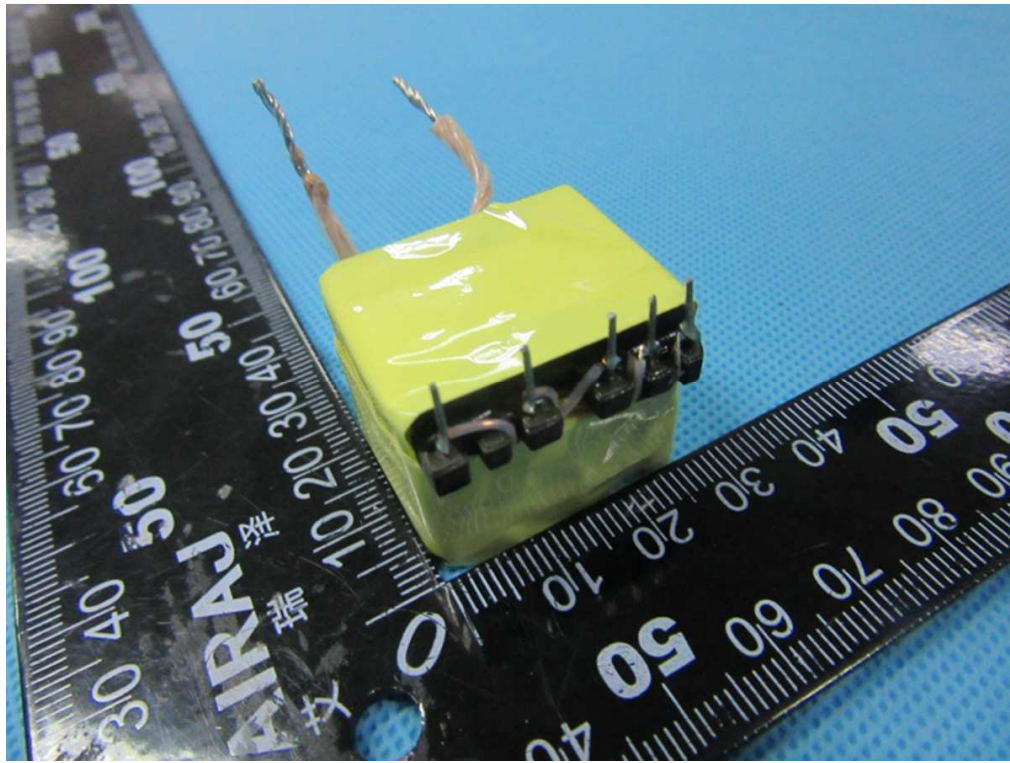


Figure 15. Detail view of transformer



Figure 16. Detail view of transformer

Product: SWITCHING ADAPTER

Type Designation: FJ-SW2017xxxxxxx

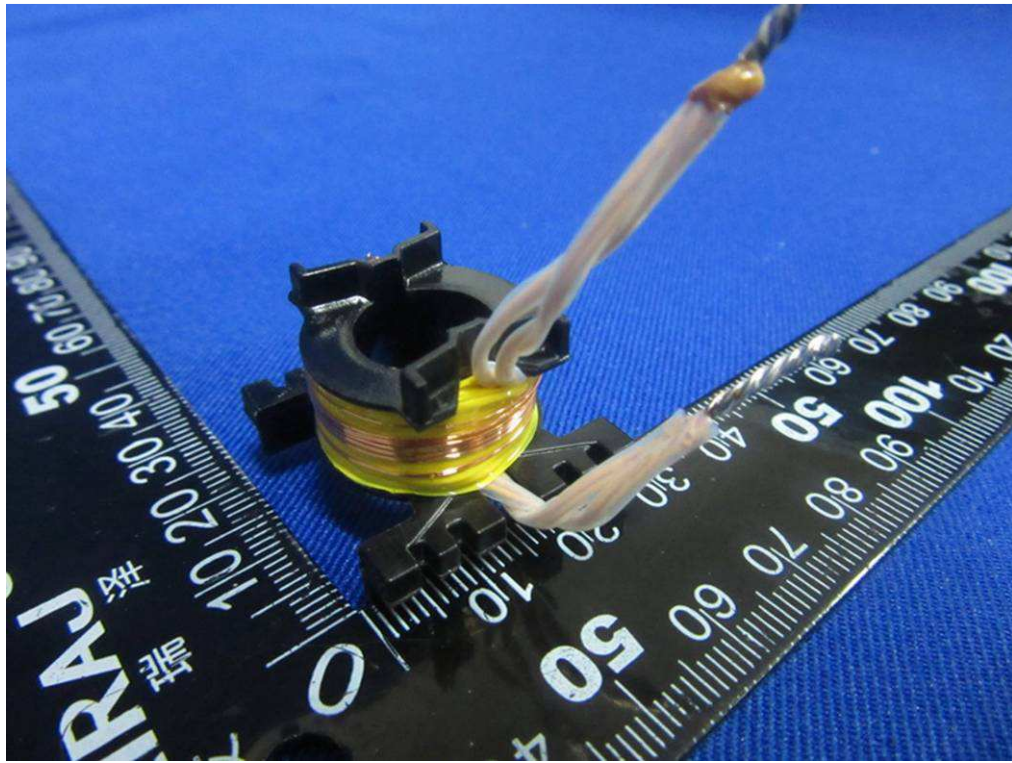


Figure 17. Detail view of transformer

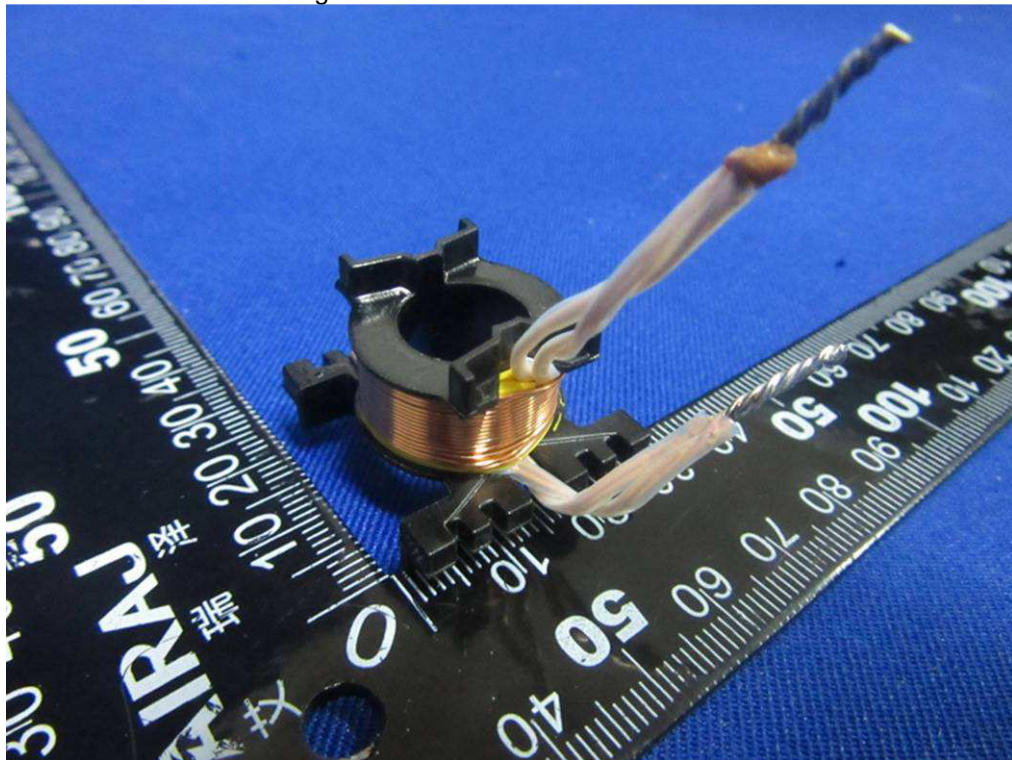


Figure 18. Detail view of transformer

Product: SWITCHING ADAPTER

Type Designation: FJ-SW2017xxxxxxx

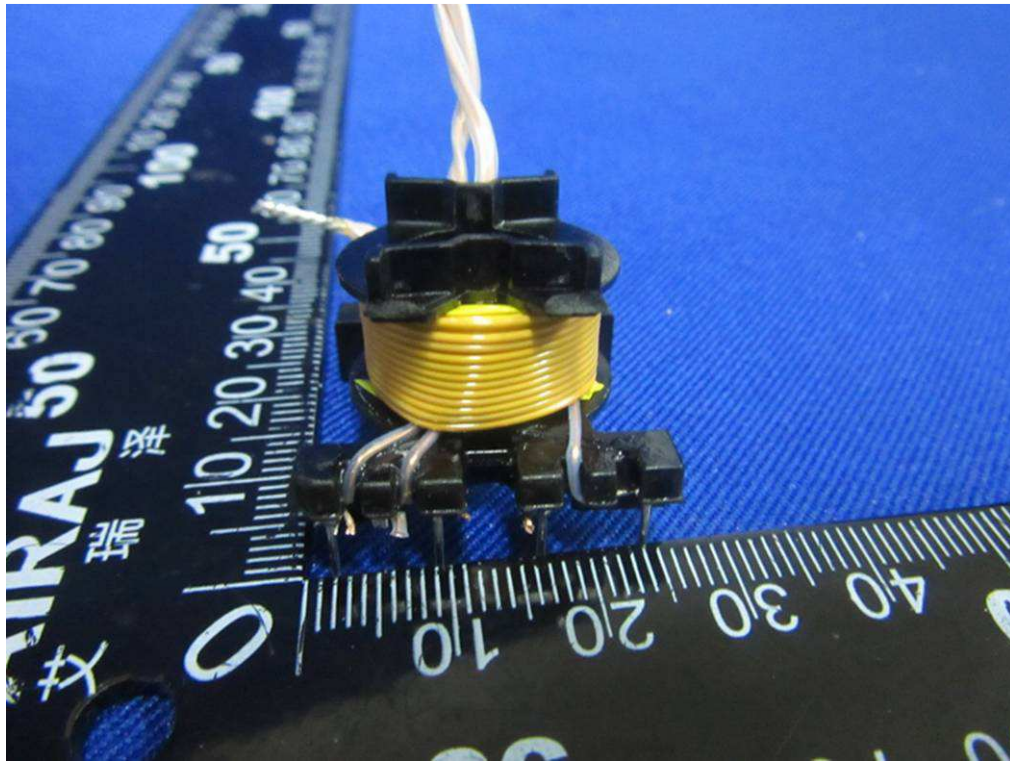


Figure 19. Detail view of transformer



Figure 20. Detail view of transformer

Product: SWITCHING ADAPTER

Type Designation: FJ-SW2017xxxxxxx

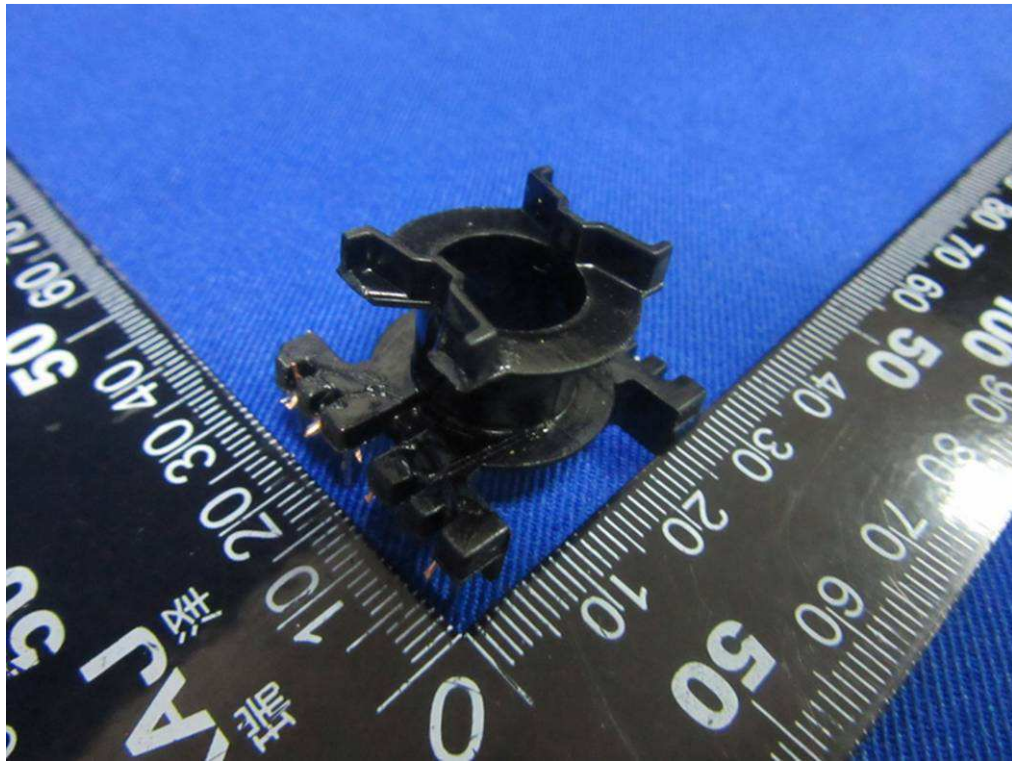


Figure 21. Detail view of transformer

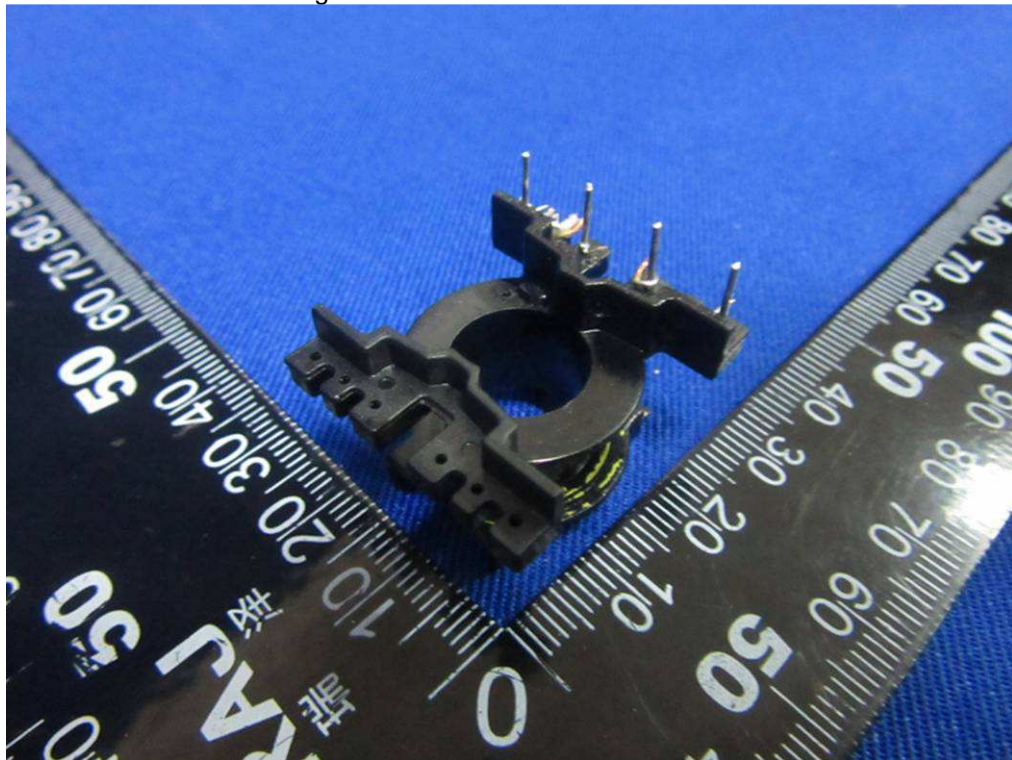


Figure 22. Detail view of transformer

Attachment 2 to report No. CN21FXWF 001

EMF Assessment

Applicant: Shenzhen Fujia Appliance Co., Ltd.

Product name: SWITCHING ADAPTER

Model name: FJ-SW2017xxxxxxx

The equipment is a SWITCHING ADAPTER with a low power, it does incorporate only non-intentional radiators, but does not contain radio transmitters; the typical usage, installation and physical characteristics make the equipment inherently compliant with all applicable EMF exposure levels (EN 62479:2010 clause 4.1 Route A).

Name of SV: Jericho Cheng

Date: 2021-06-16