

## Eight Discipline Report (8D Report)

To: <b>Customer</b>	8D report No.: <b>CPF1207</b>
From: : <b>Chicony Power Technology</b>	RMA claim No.: <b>N/A</b>
CC :	Chicony Power P/N: <b>A015R003L</b>
	Customer P/N:
Submit date: <b>2015/12/16</b>	Product description: <b>15W</b>
Receive date: <b>2015/12/15</b>	Defect D/C or Lot No.: <b>150602</b>
<b>Subject : No power*1pc, (生產 / 焊錫不良/soldering issue , R10 poor soldering)</b>	
<b>D1.) 問題解決成員:Use Team Approach</b>	
主持者 (Team Leader) : <b>Cf Liu</b> 內部成員 (Internal Team Members): <div style="text-align: center; margin-top: 10px;"> <b>CQS: Cecilia Sun</b>  <b>QE: Nono Chen</b>  <b>MFG: Alan Zhu</b>  <b>PE: Hongwu Zhang</b>  <b>IE: Yansong Tong</b>  <b>RD: White Huang</b>  <b>Sales: Leo Lo</b> </div> 外部成員 (External Team Member):	
<b>D2.)問題說明:Problem Description:</b>	
(Note: Use <b>who, what, when, where, why, how, how many</b> to specify the Customer's problem.)	
<b>2015/12/10 customer feed back as below:</b> This is Field Return unit. PSU: 15W PSU PN: FOV63-60012 PSU SN: 15060203MRC5 Qty: 1 Failure: No output	
<b>D3.)內部或客戶的暫時解決辦法及實施日期:Implement and Verify Containment Action:</b>	
(Note: Internal / external containment action effectiveness and date.)	
<b>1. Send this defect adapter to Chicony for analysis.</b>	

Date:2015/12/10

**D4.)不良原因確認: Define and Verify Root Causes:**

**(Note: Identify and verify all suspect causes, which needs explain why the problem occurred.)**

1. By tracking the SN: 15060203MRC5 in our SFCS, this adapter passed all the test stations in the production line.

Travel Card

Customer SN

15060203MRC5

Query

Export

Batch Exp

Work Order

M1523301

Part No

A015R003LHW010A

Version

N/A

SPEC1

OutPut Time

2015/6/6 上午 01:18:43

Status

Complete

Serial Number

FMF2330104317

Customer SN

15060203MRC5

QC LotNo

QCAUTO\_L0315060563463

Pallet No

PMF2330100006

Carton No

CMF2330100179

Box No

N/A

Travel

Repair

Quality Control

KeyParts

Rework

Work Order

Current

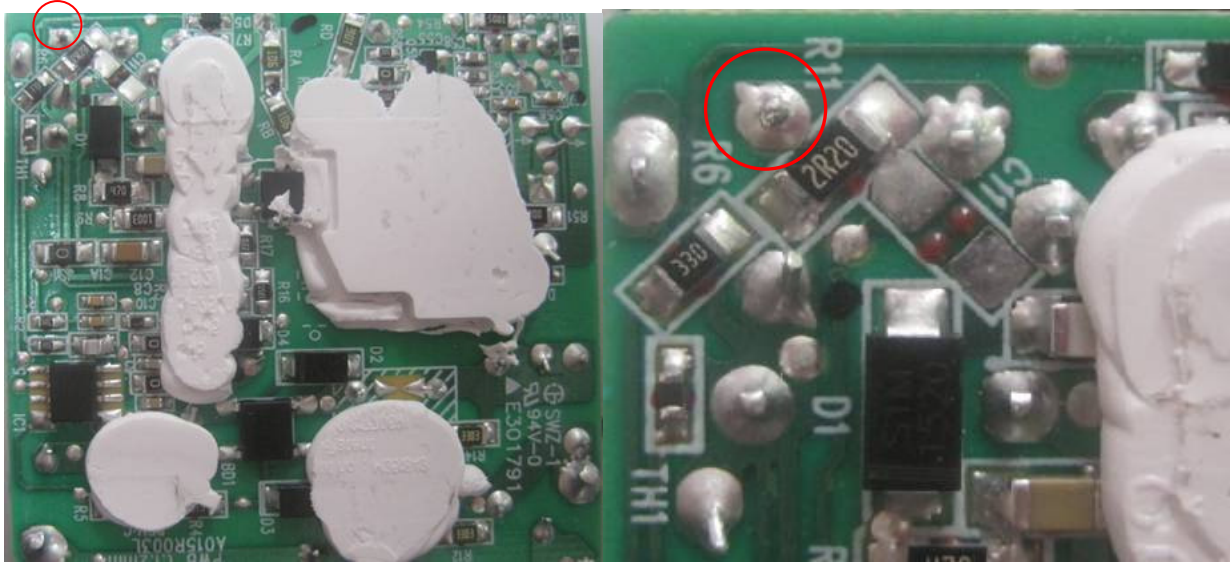
Burn In

Work Order	Serial Number	Customer SN	Part No	Route Name	PDLine Name	Stage Name	Process Name	Terminal Name	Current Status	Work Flag
M1523301	FMF2330104317	N/A	A015R003LHW010	Auto Line(RR)	AUTO_L03	FINAL ASSEM	ICT	ICT01	Normal	Normal
M1523301	FMF2330104317	MF27XXX65167	A015R003LHW010	Auto Line(RR)	AUTO_L03	FINAL ASSEM	ASSY	ASSY01	Normal	Normal
M1523301	FMF2330104317	MF27XXX65167	A015R003LHW010	Auto Line(RR)	AUTO_L03	FINAL ASSEM	ACT	ACT01	Normal	Normal
M1523301	FMF2330104317	MF27XXX65167	A015R003LHW010	Auto Line(RR)	AUTO_L03	FINAL ASSEM	PRE-ATE	PRE-ATE02	Normal	Normal
M1523301	FMF2330104317	MF27XXX65167	A015R003LHW010	Auto Line(RR)	AUTO_L03	PACKING	SN CHECK	SN CHECK01	Normal	Normal
M1523301	FMF2330104317	MF27XXX65167	A015R003LHW010	Auto Line(RR)	AUTO_L03	PACKING	HIPOT/GROUND	HIPOT/GROUND	Normal	Normal
M1523301	FMF2330104317	MF27XXX65167	A015R003LHW010	Auto Line(RR)	AUTO_L03	PACKING	FINAL-ATE1	FINAL-ATE101	Normal	Normal
M1523301	FMF2330104317	MF27XXX65167	A015R003LHW010	Auto Line(RR)	AUTO_L03	PACKING	FINAL-ATE2	FINAL-ATE201	Normal	Normal
M1523301	FMF2330104317	15060203MRC5	A015R003LHW010	Auto Line(RR)	AUTO_L03	PACKING	PACKING	PACKING01	Normal	Normal
M1523301	FMF2330104317	15060203MRC5	A015R003LHW010	Auto Line(RR)	AUTO_L03	QC	QC	QC01	Normal	Normal

2. Test this adapter, it can not power on.



3. To open the case, observe the soldering side and the component side. The poor soldering of R10 is found, and it's fail due to the human touch-up. When the operator doing the touch-up, he pressed R10 on the component side and removed the soldering iron before the soldering curing.

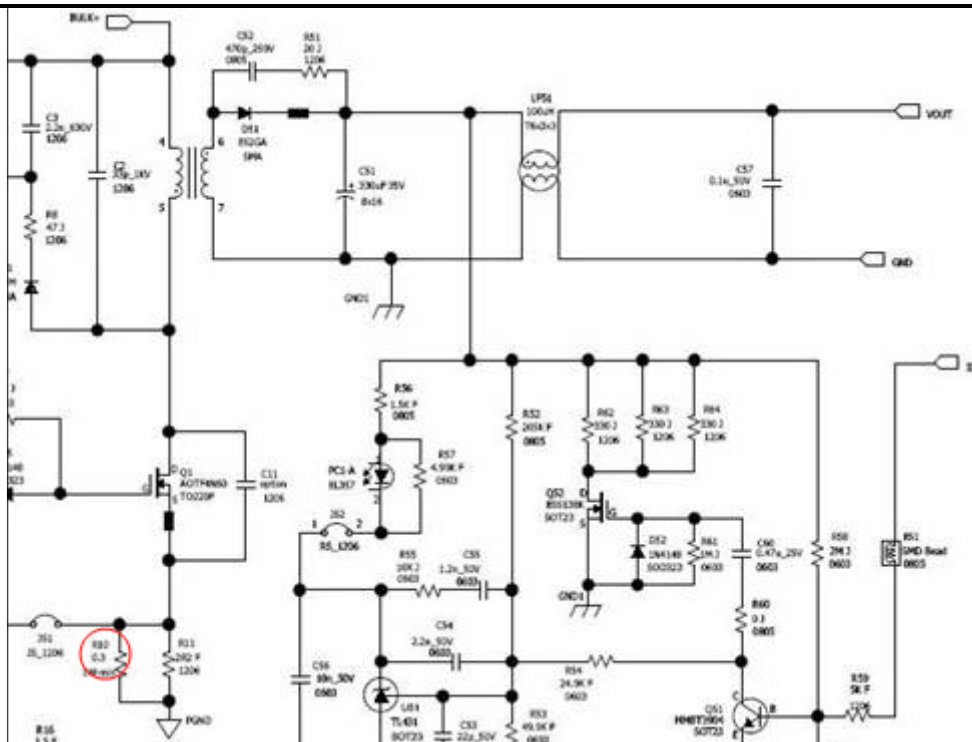


**4. To re-solder this component, and test this adapter again, and it can power on.**



## 5. Schematic Analysis

**When R10 is in poor soldering, R10 is open in the circuit. Then T1 can not work normally. So it will cause the adapter no output.**



**D6.)改善措施實施日期:Implement Permanent Corrective Actions:**

**(Note:** Be provide the phase-in date or lot# of corrective actions **implementation** in process)

Defined in D5

**D7.)預防再發生措施:Prevent Recurrence:**

**(Note:** Modified the management, operating systems, practices, and procedures to prevent recurrence for the problems as well as lessons learned cases.)

Sam as D5.

**D8.)確認並感謝問題解決成員:Check and Congratulate the Team:**

**(Note:** Recognize the collective efforts of the team.)

**CQS: Cecilia Sun    QE: Nono Chen    MFG: Alan Zhu    PE: Hongwu Zhang**

**IE: Yansong Tong    RD: White Huang    Sales: Leo Lo**

<b>Signature</b>	<b>Cf_Liu</b>
<b>Team Leader:</b>	
	Name – Title
<b>Signature by Approver:</b>	<b>Roy_Tsai</b>
	Name-Title