

SWAN

AMP FFC and Common mode Filter is melting issue

Model Name: BFX-UA300

Document Version: ALT_STB_MP_CSMTINS_001

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ALT

All Life Technology Co., Ltd



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Document History

Version	Editor	Date	Updates
001	SH Son (Seunghwan Son)	2022.02.08	initial version
002	SH Son (Seunghwan Son)	2023.02.03	Add FFC melting case
003	SH Son (Seunghwan Son)	2023.08.29	Add FFC melting case

- SET information

- Return from the customer : 2022.01.17
- SN : 2149695001202109001829
- MAC : A8934AFE7F19

- Retuned symptom from customer

- No Power

- Issue grade : Critical

- Initial analysis

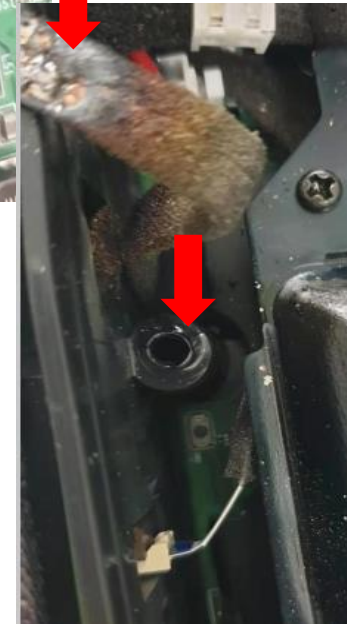
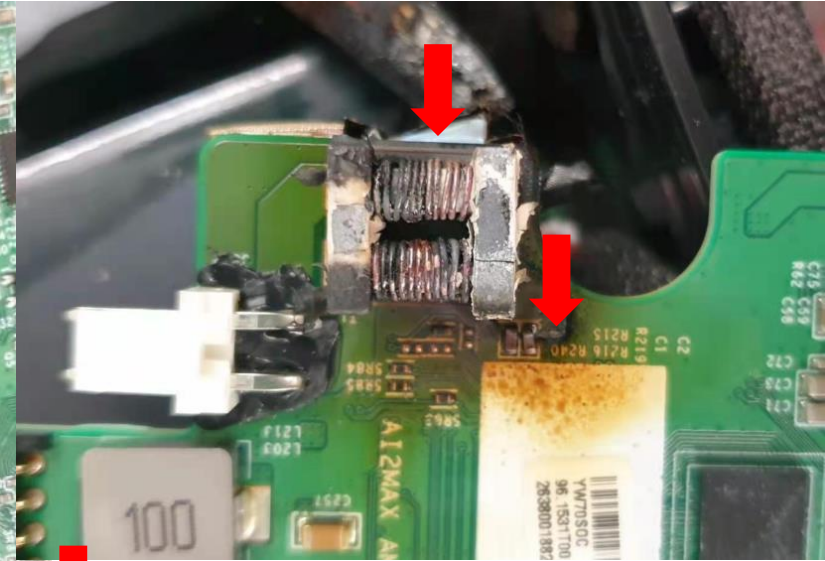
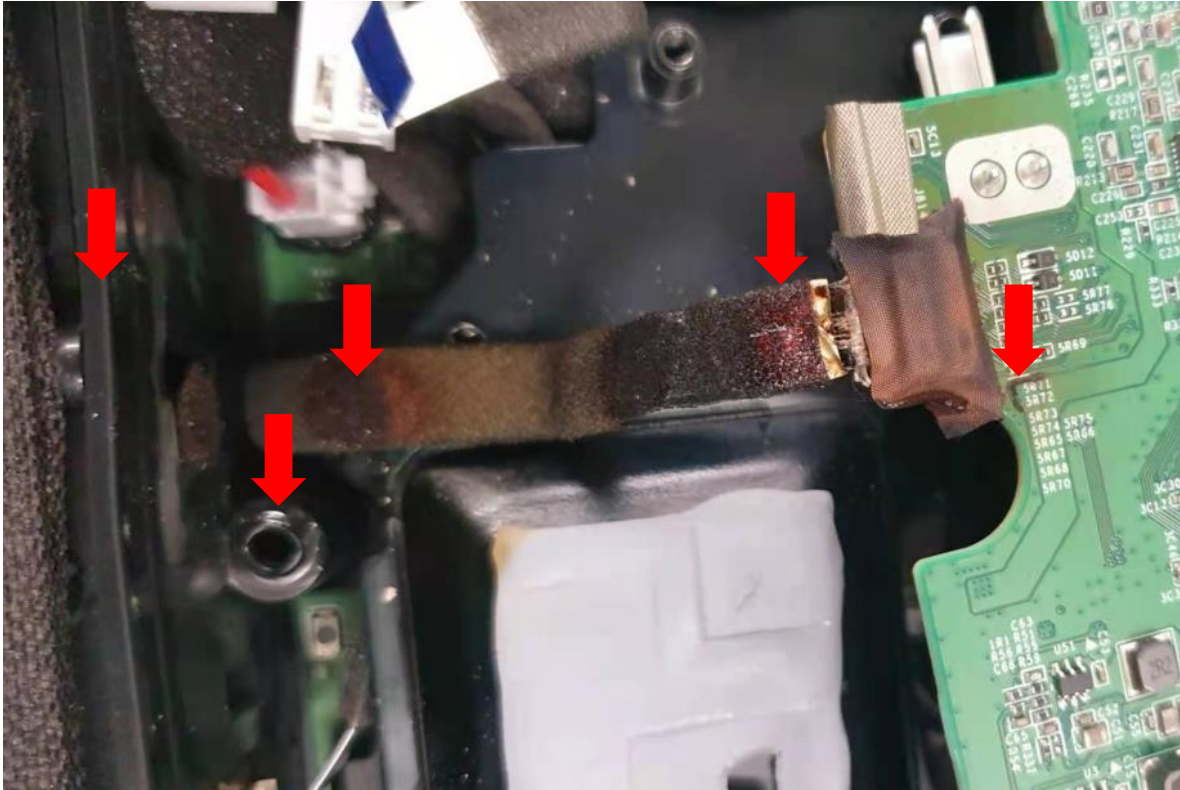
- AMP FFC and Common mode Filter is melted



Definition*

- Critical : The **defect related to product functions**
- Major : The defect is no effect on the product functions. But **visually defect**. (i.g cosmetic damaged.)
- Minor : The defect is no effect on the product functions, no visually defect. But **need improvement**

- AMP FFC and Common mode Filter is melted
 - Issue grade : Critical
 - Symptom : No Power
 - ALT initial review
 - Disassembly Top cover, almost melted Amp FFC cable
 - The Common mode filter is also melted
 - The Bottom housing deformation started due to heat
 - > See the next image
 - It proceeded until just before the fire of the product
 - FII Action item
 - analyze the root cause ASAP base.
 - FXN should be submit 8D report
 - Make short term solution and apply immediately
 - Make long term solution and verification with ALT



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- SET information

- Return from the customer : 2022.09.27
- SN : 2149695001202109007156
- MAC : A8934AFE992D



- Retuned symptom from customer

- No Power

- Issue grade : Critical

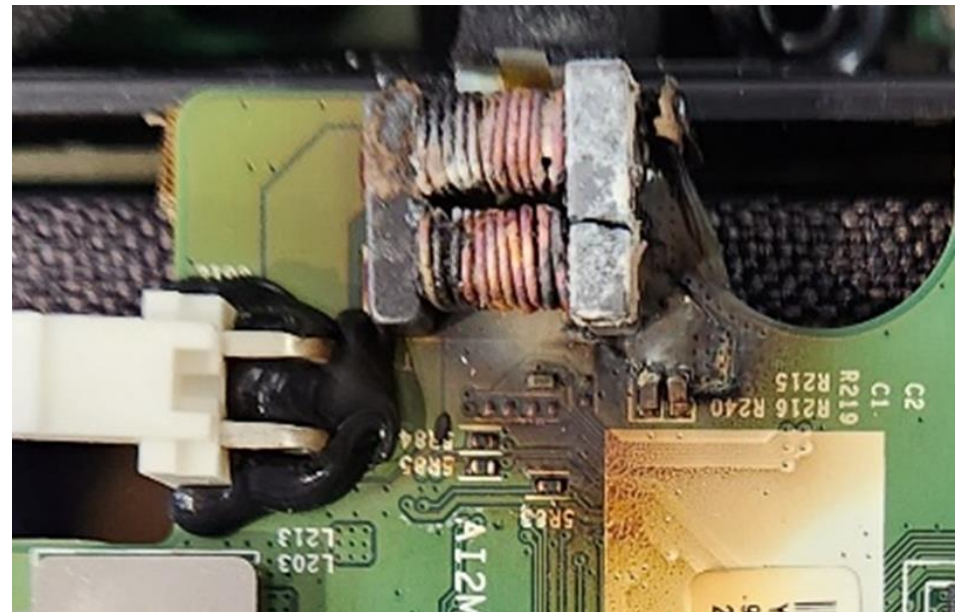
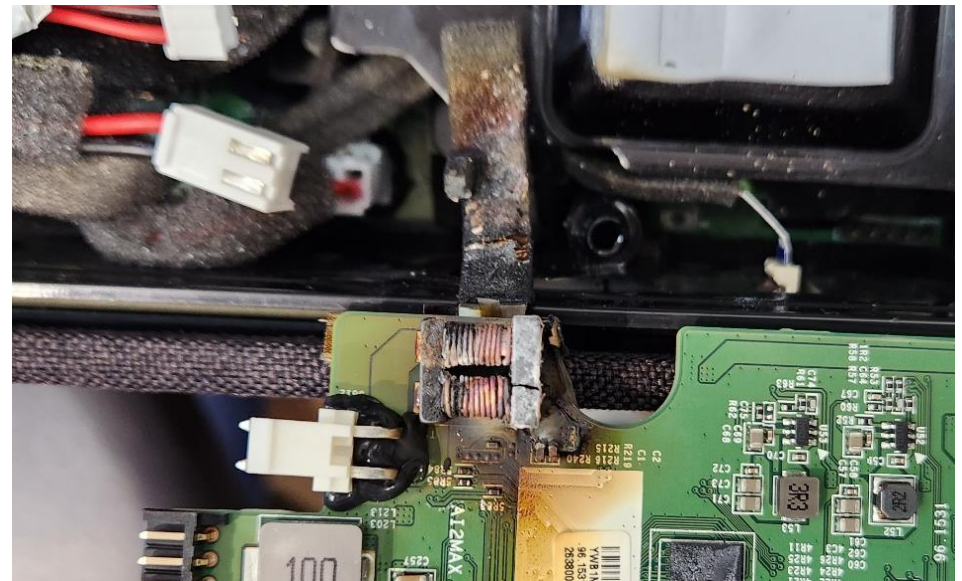
- Initial analysis

- AMP FFC and Common mode Filter is melted

Definition*

- Critical : The **defect related to product functions**
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- Minor : The defect is no effect on the product functions, no visually defect. But **need improvement**

Amp FFC Melted #1



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- SET information

- Return from the customer : 2022.08.29
- SN : 2149695001202109008672
- MAC : A8934AFE7F19

- Retuned symptom from customer

- No Power

- Issue grade : Critical

- Initial analysis

- AMP FFC and Common mode Filter is melted

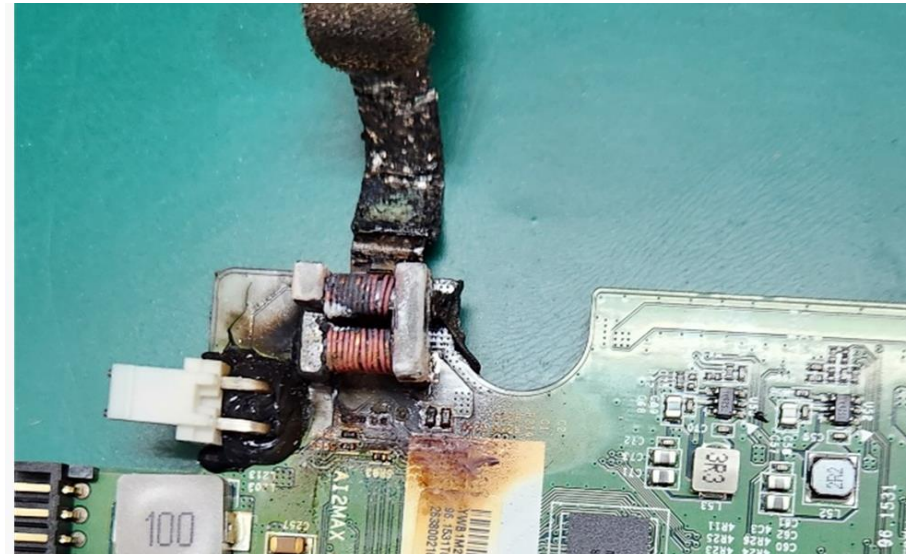
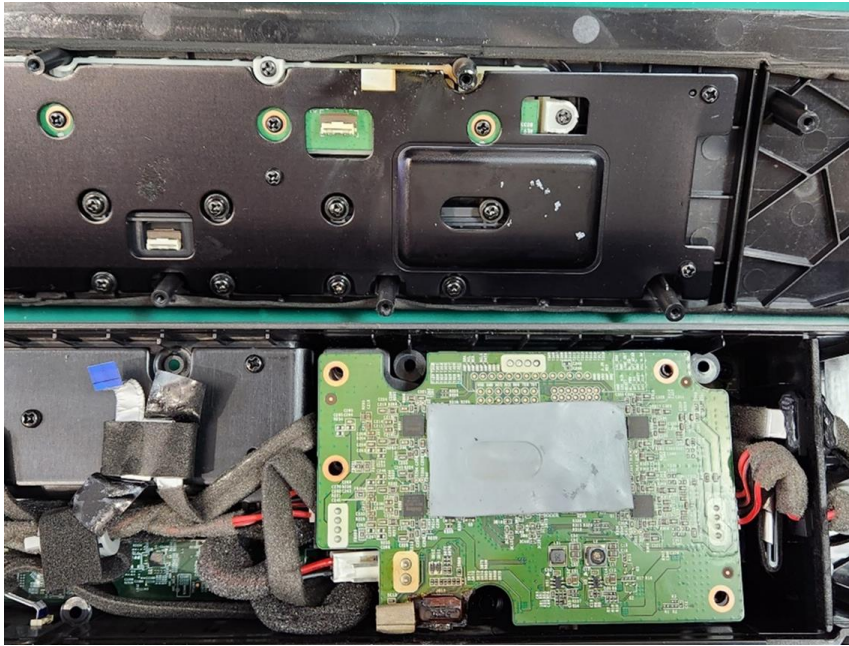


Definition*

- Critical : The **defect related to product functions**
- Major : The defect is no effect on the product functions. But **visually defect**. (i.g cosmetic damaged.)
- Minor : The defect is no effect on the product functions, no visually defect. But **need improvement**

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Amp FFC Melted #2



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- SET information

- Return from the customer : 2022.06.23
- SN : 2149695001202201001035
- MAC : A8934AFE7ED



- Retuned symptom from customer

- No Power

- Issue grade : Critical

- Initial analysis

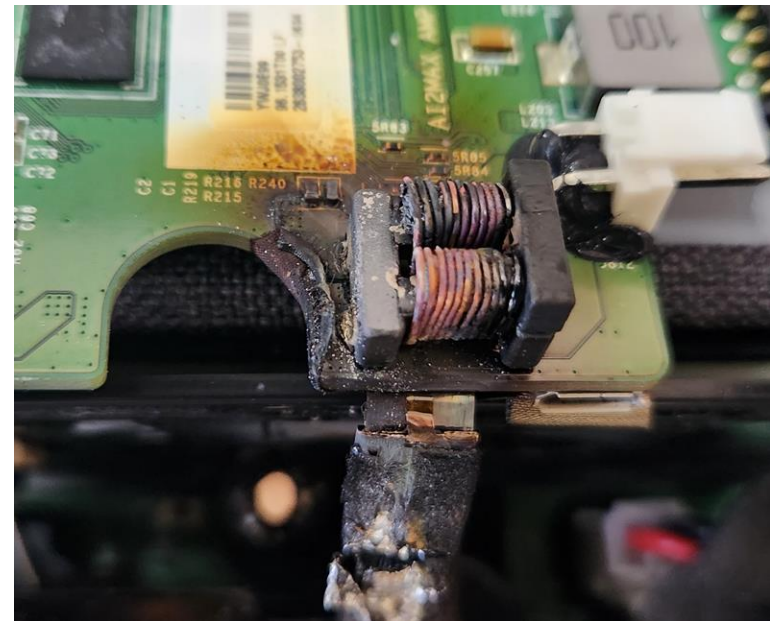
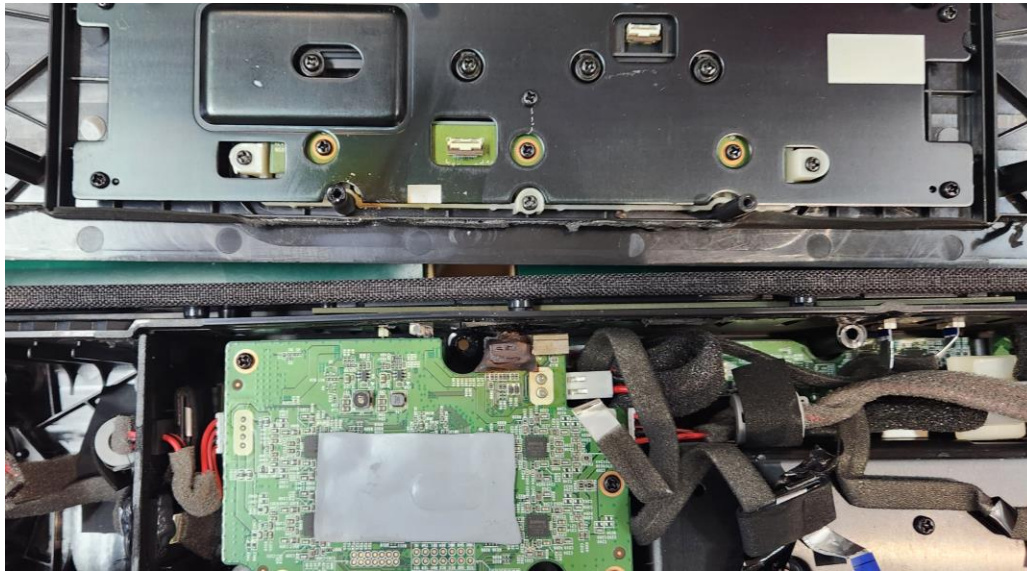
- AMP FFC and Common mode Filter is melted

Definition*

- Critical : The **defect related to product functions**
- Major : The defect is no effect on the product functions. But **visually defect**. (i.g cosmetic damaged.)
- Minor : The defect is no effect on the product functions, no visually defect. But **need improvement**

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Amp FFC Melted #3



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Thank you.

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