

Eagle

2020.08 Mass production inspection

SH Son

Model Name: BFX-AT100

Document Version: ALT_STB_MP_CSMTINS_001

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All Life Technology Co., Ltd



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Document History

Version	Editor	Date	Updates
001	SH Son (Seunghwan Son)	2020.08.28	initial version

- SKB incoming inspection
 - Inspection lot : BFX-AT100 27k delivered on Aug
 - Sampling size : AQL 0.15 (1000pcs)
 - Date : 2020.08.3 ~ 2020.08.7
 - Inspection lot : BFX-AT100 20k delivered on Aug
 - Sampling size : AQL 0.15 (1000pcs)
 - Date : 2020.08.10 ~ 2020.08.13
 - Inspection lot : BFX-AT100 30k delivered on Aug
 - Sampling size : AQL 0.15 (1000pcs)
 - Date : 2020.08.20 ~ 2020.08.25
 - Location : [SK networks warehouse](#), Anseong, Korea.
- Overall inspection result
 - ALT get the conditional Pass
- Defect Total
 - Critical
 - No HDMI output 2pcs
 - Can not google login with RCU 1pcs
 - Major
 - SET label print is not completely 1pcs
 - Minor
 - Ethernet cable packing NG – about 30%

- HDMI output noise : BFX-AT100
 - Issue grade : Critical
 - Inspection lot : BFX-AT100 20k delivered / 2020.08.10 ~ 2020.08.13
 - Defect unit Q'ty : 1pcs / 500pcs
 - Defect rate : 0.2%
 - SN :2149688001202005106644
 - Inspection lot : BFX-AT100 30k delivered / 2020.08.20 ~ 2020.08.25
 - Defect unit Q'ty : 1pcs / 500pcs
 - Defect rate : 0.2%
 - SN :2149688001202005131536
 - ALT get the SKB waiver to avoid lot reject
 - ALT swap to defective STB : 2149688001202005106644 to 2149688001202099000000
 - ALT swap to defective STB : 2149688001202005131536 to 214968800120209900000002
-> Changed the mac address as original one.
 - ALT initial review
 - Test the power on/off and change the 4K TV (LG, Samsung) -> defected.
-> **No HDMI output.**
 - Action item
 - FXN should be submit 8D report
 - Find the root cause.
 - Provide the preventive action
 - Note.
 - The bottom case was changed “bigger label attached area”. So bottom case was replaced as original one.

- Can not google login with RCU : BFX-AT100
 - Issue grade : Major
 - Defect carton Q'ty : 1pcs / 500pcs
 - Defect rate : 0.2%
 - SN : 2149688001202005119978
 - ALT get the SKB waiver to avoid lot reject
 - ALT swap to defective STB : 2149688001202005119978 to 2149688001201999000020
 - > Changed the mac address as original one.
 - Action item
 - FXN should be submit 8D report
 - Find the root cause.
 - Provide the preventive action
 - Mantis Link
 - <https://mantis.cnsbg.foxconn.com/vaas/view.php?id=881&nbn=7#bugnotes>
 - Note.
 - This STB was opened due to Mr. Kerwin request. He was console debug for sw analysis at SKB office. Please contact to him for more details.

SET label print is not completely

- SET label print is not completely

- Issue grade : Major
 - Defect carton Q'ty : 1pcs / 500pcs
 - Defect rate : 0.2%
 - SN :214CYA50292329
- ALT get the SKB waiver only this time
 - Basis : Barcode area is printed completely
- Action item
 - FXN should be submit 8D report
 - Find the root cause.
 - Provide the preventive action

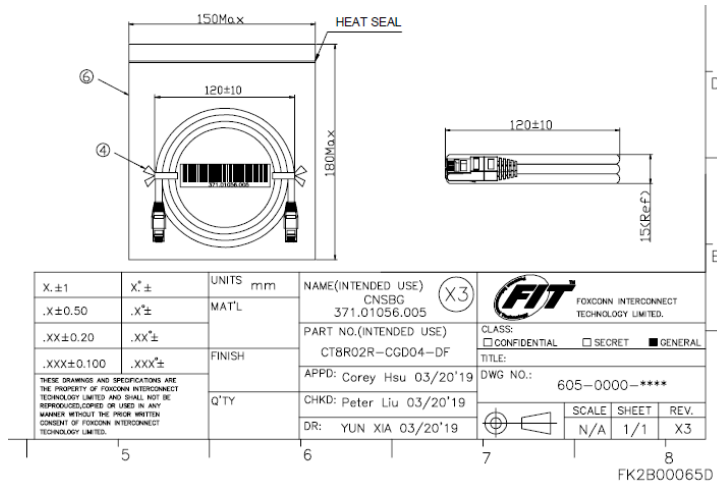


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- Ethernet cable packing NG : BFX-AT100
 - grade : Minor
 - Defect unit Q'ty : Not counted
 - Defect rate : about 30%
- Ethernet cable vender was not produced as approval sheet.
- Action item
 - FXN should be submit 8D report
 - Find the root cause.
 - Provide the preventive action. Below agenda should be included.
 - Vender quality control plan
 - IQC control plan
 - OQC control plan

Ethernet cable packing NG

- As datasheet, the cable have to tie maximum 120mm +/-10



- But the actual was tie the around 150mm
 - was occurred cable damage due to gift packing



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Ethernet cable packing NG

- Normal Ethernet cable



- Normal Ethernet cable vs NG Ethernet cable



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Thank you.

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