

Eagle

2023.02 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)	2023.02.23	initial version
002	SH Son (Seunghwan Son)	2023.03.15	Update the S/N information

- SKB incoming inspection
 - Inspection lot : BFX-AT100 38k delivered on 2023.02
 - Sampling size : AQL 0.15 (1600pcs)
 - Date : 2023.02.13 ~ 2023.02.20
 - Location : [SK networks warehouse](#), Anseong, Korea.
- Overall inspection result
 - ALT get the conditional Pass
- Defect Total
 - Critical
 - Foreign object on DC connector * 1 pcs
 - Major
 - LED light leakage * 1 pcs
 - Top housing damaged * 1 pcs
 - Minor
 - Bottom cover noise sound * 1 pcs

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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- Issue grade : Critical
 - Defect unit Q'ty : 1pcs / 1600pcs
 - SN :2149688001202301025302
- Symptom
 - No power when fully inserted DC connector
- ALT initial review
 - Visual check : NG
 - Remove foreign object
 - ALT was assembled again.
- Action item
 - FXN should be submit 8D report
 - Find The root cause.
 - Find out what this object is and why it went in
 - Provide the preventive action

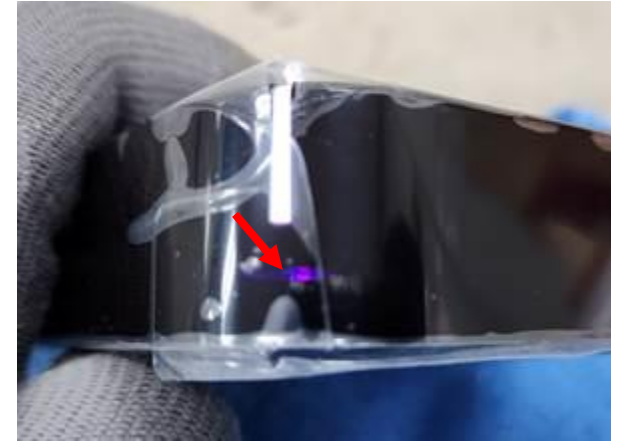


Foreign object on DC connector



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- Issue grade : Major
 - Defect unit Q'ty : 1pcs / 1600pcs
 - SN :2149688001202301034831
- Symptom
 - LED light leakage when operation
- ALT initial review
 - Visual check : NG
 - The gasket was missing and Re attached gasket
 - ALT was assembled again.
- Action item
 - FXN should be submit 8D report
 - For short term solution
 - First find the filtering solution at FATP line
 - The root cause.
 - Provide the preventive action



Top housing damaged

- Issue grade : Major
 - Defect carton Q'ty : 1pcs / 1600pcs
 - SN : 2149688001202301024991
- Symptom
 - Physical damage on USB connector area
- ALT initial review
 - Checked exterior cosmetic : NG
 - Replace the TOP housing and re assembly
 - ALT was assembled again.
- Action item
 - FXN should be submit 8D report
 - Find the root cause : Add a detection process
 - Provide the preventive action



- Issue grade : Minor
 - Defect carton Q'ty : 1pcs / 1600pcs
 - SN : 2149688001202301017824
- Symptom
 - Makes a noise sound when the bottom cover is pressed
 - https://drive.google.com/file/d/12LkrJHnZrsDkLcETmbLW6ytiybRjV3lZ/view?usp=share_link
- ALT initial review
 - Checked exterior cosmetic : No found abnormal
 - reassemble the bottom screw
 - The noise was gone
- Action item
 - FXN should be submit 8D report
 - Find the root cause : Add a detection process
 - Provide the preventive action

Thank you.

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