

Oral Presentation

[FMC2]Metrology and Manufacturing

Chair: K Käläntär (Global Optical Solutions)

Co-Chair: Toshiaki Nonaka (Merck Performance Materials)

Wed. Nov 27, 2019 3:20 PM - 4:40 PM Room 108 (1F)

4:20 PM - 4:40 PM

[FMC2-4]Research on Failure Factors of Salt Spray Test and the Solutions for COG 2.4mm-down-border LTPS LCM

*zuoyin li¹, xianfeng lin¹, zhenqing xie¹, chunrong lin¹, lihua zheng¹, fushan dai¹, dandan yan¹, xiaoyu wang¹, changjuan zhang¹, qingwen hu¹, xuexin lan¹, guozhao chen¹, junyi li¹, lei wang¹ (1. Xiamen Tianma Microelectronics Co., Ltd., Xiamen, China (China))

Keywords:Salt Spray Test, COG 2.4mm-down-border, LCM, Full-screen-display

The salt spray test is failed more and more frequently for full-screen display. Experiments were done to research the possible factors. It revealed that the combination of PI (polyimide), silver conductive glue and the dispensed location resulted in the failure. Based on the analysis, the improvement solutions were proposed.