Report No.: /</=/>2???2????. Total Page: .2

Reliability test report

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Name /Model	SMDJ85CA	Quatity	300PCS	Source	RD	Batch/Lot No.	FIN2120035
Background	-						

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Applicant	XiaoRui Zhang	Department	RD	Date	2022.2.02	Test category	Reliability Test
Test purpose							

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Reference standard	AEC-Q101/JESD-22 / GJB-128A
Test requirment	According to SPEC

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	Equipment name	Model	ID	Calibration date
	TVS Semiconductor tester	PTHY2900H	BPMS-3010028-118	1 ～ 2
	TC Chamber	DNT-1518LA-ZK	BPMS-3010010-089	1 ～ 2
	PCT Chamber	DL/75L	PMS-3040062-120	1 ～ 2
	Lead-free solder furnace	ZB1510D	PMS-229	1 — 2
	Lightning generator10/700μs	HGV-II	PMY-3040012-028	1 ～ 2 0

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	Testing items	Testing conditions	Test data	Test results	Remark
	High Remperature Storage Test	Temperature: 150 80%VDMAX Time:168h		OK	
	High Temperature Storage Test	Temperature: 150 Time:168h		OK	
	High-low Temperature Cycle test	Temperature: From -55 to 150 ,Dwell time 30min 100cycles		OK	
	Pressure cooker Test	Temperature: 121 Humidity:100% 2atm time:96h		OK	
	UHAST	Temperature: 130 Humidity:85% 2atm time:96h		OK	
	Resistance of soldering heat	Temperature: 260±5 Time 10s		OK	
		10/1000s :129A±10T		OK	
Unqualified item description					
Conclusion		OK			

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