

Reliability Testing Report

Product Model : PA1575MZ50J4G-XX-SMD



佳邦科技股份有限公司
INPAQ Technology Co.,Ltd.

新竹科學園區：

新竹科學工業園區新竹市工業東四路 38 號 1F

TEL:+886-3-5632828 FAX:886-3-5636205

竹南廠：

苗栗縣竹南鎮公義里 11 鄰科義街 11 號

TEL:+886-37-585555 FAX:886-37-585511

Headquarters：

2F,NO.38,Industry E. 4,RD.Science-Based
Industrial Park,Hsinchu Taiwan 300,R.O.C.

Chu Nan Plant：

No.11, Ke-Yi St., Chunan, Miaoli, Taiwan
350, R.O.C.

(Kuan Yuan Science-Based Industrial Park)



Test item list

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High Temperature / Humidity Test

Product Type	PA1575MZ50J4G-XX-SMD	Sample Size	10 pcs
Test Condition	1. T= 85°C , Humidity=90~95% RH for 96 hours 2. Stored at standard measurement condition more than 2 hours .		
Judgment Criteria	1580 ± 3MHz		

Result :

Item	Defect Q'ty / Sample Size		Defect Rate
Frequency	0/10		0.00%
Before Testing	MIN	1579.8	Unit MHz
	MAX	1581.5	
	AVG	1580.7	
After Testing	MIN	1580.1	
	MAX	1582.0	
	AVG	1581.2	

Judgment : Accept

Inspector : Arsene Huang

Approver : ST Lin



Thermal Shock Test

Product Type	PA1575MZ50J4G-XX-SMD	Sample Size	10 pcs
Test Condition	1. Cycle : -40°C , 30 minutes ↔ (5 minutes) ↔ 85°C , 30 minutes , run 48 cycles 2. Stored at standard measurement condition more than 2 hours .		
Judgment Criteria	1580 ± 3MHz		

Result :

Item	Defect Q'ty / Sample Size		Defect Rate
Frequency	0/10		0.00%
Before Testing	MIN	1580.1	Unit MHz
	MAX	1581.9	
	AVG	1581.1	
After Testing	MIN	1579.7	
	MAX	1582.3	
	AVG	1581.6	

Judgment : Accept

Inspector : Arsene Huang

Approver : ST Lin



Bending Test

Product Type	PA1575MZ50J4G-XX-SMD	Sample Size	10 pcs
Test Condition	1. 1mm bending for 30 seconds 2. Stored at standard measurement condition more than 2 hours.		
Judgment Criteria	1580 ± 3MHz		

Result :

Item	Defect Q'ty / Sample Size		Defect Rate
Frequency	0/10		0.00%
Before Testing	MIN	1579.6	Unit MHz
	MAX	1581.8	
	AVG	1580.4	
After Testing	MIN	1579.2	
	MAX	1581.5	
	AVG	1580.2	

Judgment : Accept

Inspector : Arsene Huang

Approver : ST Lin