

HITPOINT

## SPECIFICATION

## PRODUCT TYPE: <u>PMO-6027P-40KDQ</u>

(RoHS)

DSND	
BY	
CHKD	
BY	
APVD	
BY	

## 光键股份有限公司

## HITPOINT INC.

 Add:
 No.4, Lane 505 ,Zhongzheng Road, Linkou Shiang, Taipei,Taiwan24445

 Tel:
 + 886-2-2601-3311
 FAX : + 886-2-2601-3898

 http://www.hitpoint.com.tw/
 FAX : + 886-2-2601-3898



	4.2	Accessory Drawing of MIC: Unmarked tolerance is ± 0.15(mm)		
	4.3	Weight	0.05g	
5.R	<b>5.Reliability Tests:</b> After any following tests, the sensitivity of the microphone unit shall not			
change more than $\pm 3$ dB from initial value, and shall keep their initial				
	operation and appearance.			
	5.1	Hi-Temp. Test	To be no interference in operation after high temperature test $70+/-3$ °C	
			for 48 hours The sensitivity to be within +/-3dB from initial sensitivity.	
	5.2	Low-Temp. Test	To be no interference in operation after Low temperature test $-20+/-3$ °C	
			for 48 hours, the sensitivity to be within $\pm -3$ dB from initial sensitivity.	
5.3 Isothe ISO-hu		Isotherm& ISO-humidity Test	To be no interference in operation after storage test at temperature $40+/-3^{\circ}$ C and relative humidity (93±3%) for 48 hours. The sensitivity to be within +/-3dB from initial sensitivity. the test is performed at temperature 20°C after operation for 6 hours.	
	5.4Temperature Cycle TestAfter exposure at +55+/-2°C for 1 hour, at 20+/-2°C of sensitivity within +/-3dB from initial measuring 2 hours exposed to 20+/-2°C.		After exposure at $+55+/-2^{\circ}C$ for 1 hour, at $20+/-2^{\circ}C$ for 1 hour, at $-10+/-2^{\circ}C$ for 1 hour, at $20+/-2^{\circ}C$ for 1 hour, with 5 cycles. Change of sensitivity within $+/-3dB$ from initial measuring should be done after 2 hours exposed to $20+/-2^{\circ}C$ .	
5.5		Vibration Test	To be no interference in operation after vibration of full a mplitude 2mmfor 30 minutes at three axis, the sensitivity to be w ithin +/-3dB from initial sensitivity.	
	5.6	Dropping Test	To be no interference in operation after dropped to concrete floor each time from 1- meter height of three directions in state of packing, the sensitivity to be within +/-3dB fro-initial sensitivity.	
	5.7	Static Electricity Destruction	<ul> <li>According to the third item of the standard of IEC61000</li> <li>1.Contact discharge</li> <li>Charge 6000v DC to the capacitor with 150pF, and discharge the output of the MIC ten times through the resistance of 330 Ω, then check and test it.</li> <li>2.Air discharge</li> <li>Charge 8000v DC to the capacitor with 150pF, and discharge the sound hole. of the MIC ten times through the resistance of 330 Ω, then check and test it.</li> </ul>	
6	Envir	onmental Condition:		
	6.1	Storage condition	ion	
	6.2	Operation condition	-10°C~+45°C R.H. less than 85%	
7	Notic	es:		
`	7.1	All the soldering procedures upon microphones must be completed in a metallic device, the temperature of the soldering iron must be limited as $320^{\circ}C \pm 10^{\circ}C$ .		
	7.2	Operators, the solder fixtures and the soldering irons must be statically grounded under each soldering process.		