

HITPOINT

## **SPECIFICATION**

## PRODUCT TYPE: <u>PMO-4015PN-42UQ</u>

(RoHS)

| DSND |  |
|------|--|
| BY   |  |
| CHKD |  |
| BY   |  |
| APVD |  |
| BY   |  |

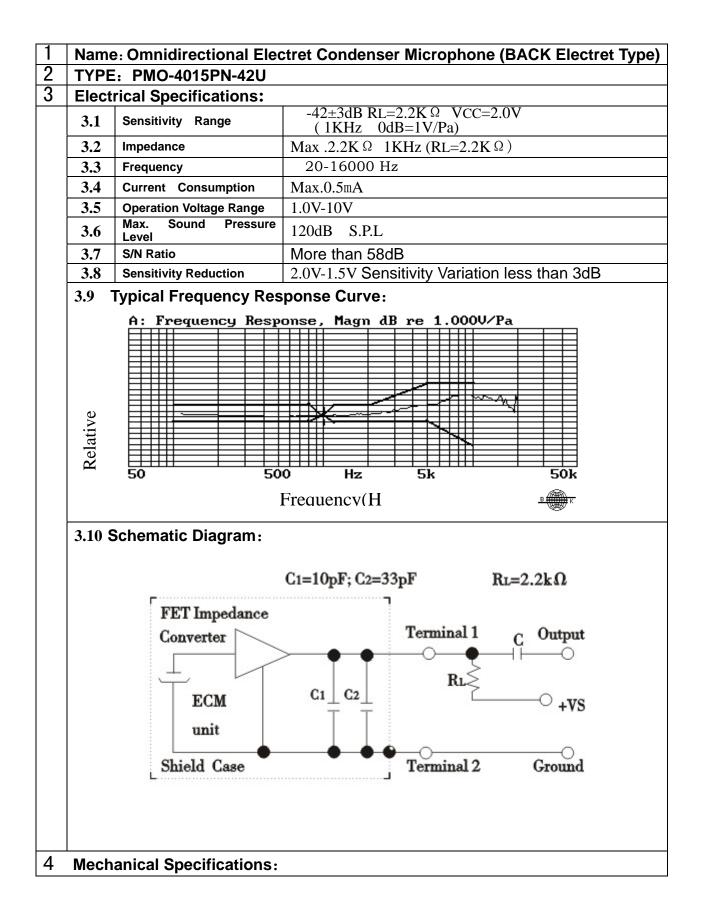
光键股份有限公司

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|  | 4.1                       | Drawing  |   |  |  |
|--|---------------------------|--|---|--|--|
|  |                           | Fiber  |   |  |  |
|  | 4.2                       | Weight   | 0.2g  |  |  |
| 5.R  |                           | <b>liability 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 $70+/-3^{\circ}C$ 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 $-20+/-3^{\circ}$ C for 48 hours, the sensitivity to be within $+/-3$ dB from initial sensitivity.  |  |  |
|  | 5.3                       | Isotherm&<br>ISO-humidity Test   | To be no interference in operation after storage test at temperature $40+/-3^{\circ}$ C and relative humidity ( $93\pm3\%$ ) for 48 hours. The sensitivity to be within +/-3dB from initial sensitivity. the test is performed at temperature $20^{\circ}$ C after operation for 6 hours.         |  |  |
|  | 5.4                       | Temperature Cycle<br>Test  | 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 $+/-3$ dB 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 amplitude 2mmfor 30 minutes at three axis, the se nsitivity to be within $\pm/-3$ dB 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  |  |  |
| 6  | Fnvir                     | onmental Conditi   |   |  |  |
|  | <b>6.1</b>                | Storage condition  | -20℃~+60℃ R.H. less than 45%~75%  |  |  |
|  | 6.2                       | Operation condition  | $-10^{\circ}\text{C} + 45^{\circ}\text{C}$ R.H. less than 85%   |  |  |
|  | 6.3                       | Arbitration<br>condition   | Temperature : 20℃±1℃<br>Relative humidity: 63%~67%<br>Air pressure : 86~106Kpa  |  |  |
| 7  | Notic                     |  |   |  |  |
| `  | 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 310 $^\circC \pm 20^\circC$ . |   |  |  |
|  | 7.2                       | Operators, the solder fixtures and the soldering irons must be statically grounded under each soldering process.   |   |  |  |