# SPECIFICATION FOR APPROVAL

Description : Integrated Buzzer

Vender's Part No. : TMB12C05

Customer's Name. :

Serial No. :

Version No. :

| CUSTOMER'S APPROVED SIGNATURE |  |  |  |  |  |
|-------------------------------|--|--|--|--|--|
|                               |  |  |  |  |  |
|                               |  |  |  |  |  |
|                               |  |  |  |  |  |

| Approved By | Checked By | Made By    |
|-------------|------------|------------|
| Jimmy       | Tony       | 2015.08.05 |

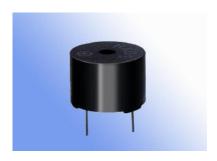
#### A. SCOPE

This specification applies Integrated buzzer, TMB12C05

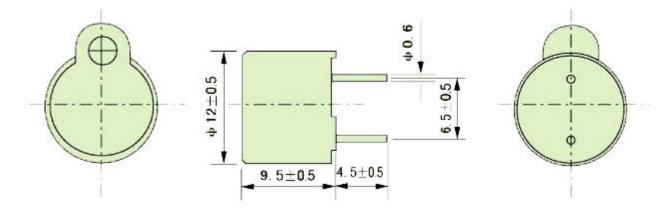
#### **B. SPECIFICATION**

| No. | ltem                  | Unit                    | Specification | Condition                |
|-----|-----------------------|-------------------------|---------------|--------------------------|
| 1   | Oscillation Frequency | KHz                     | 2048          |                          |
| 2   | Operating Voltage     | VDC                     | 4-7           |                          |
| 3   | Coil Impedance        | Ω                       | <b>42</b> ±2  |                          |
| 4   | Rated Voltage         | VDC                     | 5             |                          |
| 5   | Current Consumption   | mA                      | MAX.40        | at Rated Voltage         |
| 6   | Sound Pressure Level  | dB                      | MIN. 85       | at 10cm at Rated Voltage |
| 7   | Tone Nature           |                         | Constant      |                          |
| 8   | Operating Temperature | $^{\circ}$ C            | -20~ +70      |                          |
| 9   | Storage Temperature   | $^{\circ}\! \mathbb{C}$ | -30~+70       |                          |
| 10  | Dimension             | mm                      | Ф12.0 x H9.5  | See appearance drawing   |
| 11  | Weight (MAX)          | gram                    | 2.0           |                          |
| 12  | Housing Material      |                         | PPO(Black)    |                          |
| 13  | Leading Pin           |                         | 1             |                          |

### C. Profile Picture:



### D. APPEARANCE DRAWING



Tol: ± 0.5 Unit: mm

## E. Typical Frequency Response Curve

