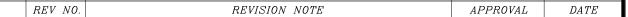
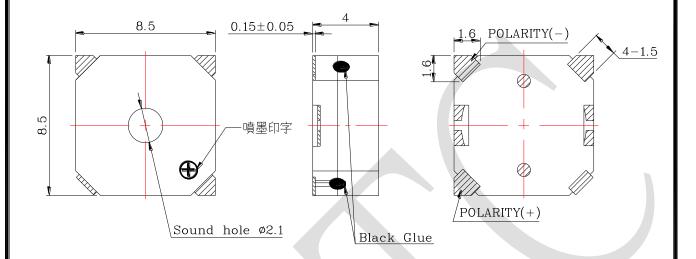
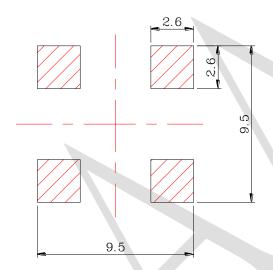
1. SPECIFICATION

## AD-8504-1BX

| ITEM |  | UNITS          | SPECIFICATIONS | CONDITIONS   |  |  |
|------|--|----------------|----------------|--|--|--|
| 01   | Rated Voltage                            | ٧              | 3.6            | Vp-p   |  |  |
| 02   | Operating Voltage                        | ٧              | 2~4            |  |  |  |
| 03   | Consumption Current                      | mA<br>(Max)    | Mean: 80       |  |  |  |
|      |  |                | Peak: 240      | Standard state, standard drive circuit.  Rated voltage, rated frequency, Square wave |  |  |
| 04   | Sound pressure level (Distance at 10cm ) | dB(A)<br>(Min) | 85             | 1/2 duty.  |  |  |
| 05   | Direct Current Resistance                | Ω              | 17±3           |  |  |  |
| 06   | Rated Frequency                          | Hz             | 2710           |  |  |  |







RECOMMENDED PCB LAYOUT

RoHS

| TITLE: SOUND TRANSDUCER (S.                   | MD)       | DRAWN: <b>Zack</b> 2 | 2017/04/25 | SCALE: 1:1   SHEET: 1 : 1                              |
|---|-----------|----------------------|------------|--|
|   |           | DESIGNED: R & D OF   | AAT        | UNITS: mm  |
| $PART\ NO.\ AD-8504-1BX$                      |           | CHECKED:             |            | TOLERANCE ± 0.5  |
| DIVICE VIO                                    |           | APPROVAL:            |            | UNLESS OTHERWISE SPECIFIED:<br>ONE PLACE DECIMAL ± *** |
| DWG NO. <sub>FDM-1057</sub> SMD-085040F-03627 | RFV       |                      |            | TWO PLACE DECIMAL ± ***                                |
|   | $\pi_L v$ | MATERIAL: LCP        |            | THREE PLACE DECIMAL ± ***                              |



ADVANCED ACOUSTIC TECHNOLOGY CORPORATION