
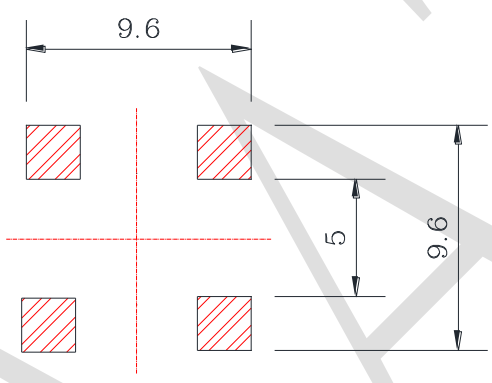
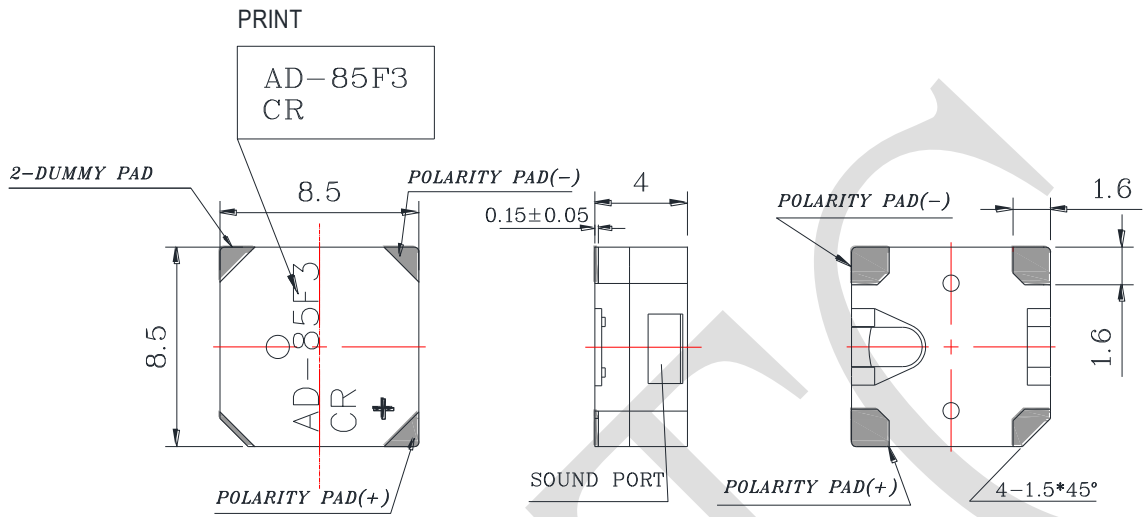


# 1. SPECIFICATION

AD-85F3CR

| ITEM |   | UNITS         | SPECIFICATIONS | CONDITIONS   |
|------|---|---------------|----------------|--|
| 01   | Rated Voltage                               | V             | 3              |  |
| 02   | Operating Voltage                           | V             | 2 ~ 4          |  |
| 03   | Consumption Current                         | mA<br>Max.    | 100            | Standard state, standard drive circuit.<br>Square wave 1/2 duty.                   |
| 04   | Sound pressure level<br>(Distance at 10cm ) | dB(A)<br>Min. | 80             | Rated voltage, rated frequency.  |
| 05   | Direct Current Resistance                   | $\Omega$      | $16 \pm 3$     |  |
| 06   | Rated Frequency                             | Hz            | 2500           |  |

|         |               |          |      |
|---------|---------------|----------|------|
| REV NO. | REVISION NOTE | APPROVAL | DATE |
|---------|---------------|----------|------|



RECOMMENDED P.C.B LAYOUT

RoHS

|                               |  |                        |            |                             |                 |
|-------------------------------|--|------------------------|------------|-----------------------------|-----------------|
| TITLE: SOUND TRANSDUCER (SMD) |  | DRAWN: Zack            | 2019/12/03 | SCALE: 1:1                  | SHEET: 1 : 1    |
| PART NO. AD-85F3CR            |  | DESIGNED: R & D OF AAT |            | UNITS: mm                   | TOLERANCE ± 0.5 |
| DWG NO. SMD-085040H-03025R16  |  | CHECKED:               |            | UNLESS OTHERWISE SPECIFIED: |                 |
| REV 1                         |  | APPROVAL:              |            | ONE PLACE DECIMAL ± ***     |                 |
|                               |  | MATERIAL: LCP          |            | TWO PLACE DECIMAL ± ***     |                 |
|                               |  |                        |            | THREE PLACE DECIMAL ± ***   |                 |



ADVANCED ACOUSTIC TECHNOLOGY CORPORATION