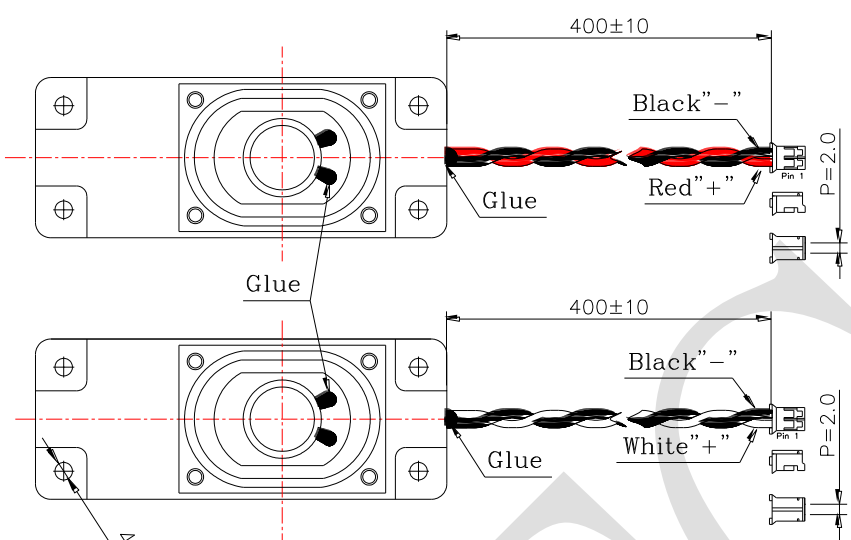


## 1. SPECIFICATION

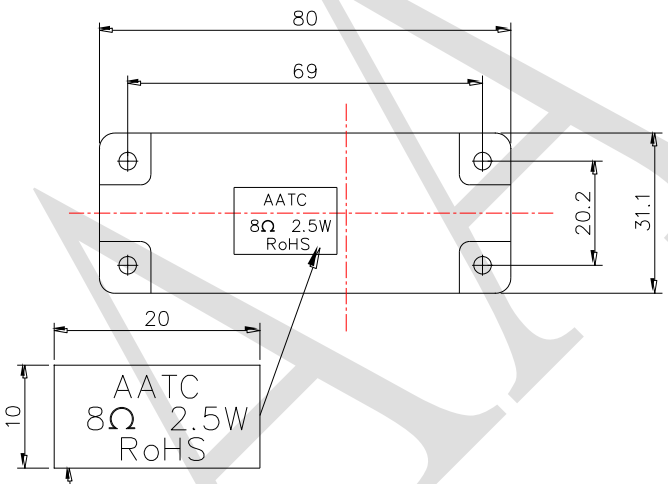
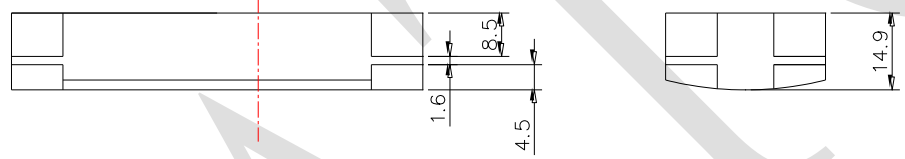
AK-803108DC-2C

| ITEM |                            | SPECIFICATIONS                   |                                |
|------|----------------------------|----------------------------------|--------------------------------|
| 01   | Type                       | Dynamic Speaker + Sound Box      |                                |
| 02   | Dimension                  | External diameter 80 x 31 mm     |                                |
| 03   | Rated Input Power          | 2.5 W                            |                                |
| 04   | Max. Input Power           | 3.0 W for 1 minute               |                                |
| 05   | Impedance                  | $8\Omega \pm 15\%$ at 1.5 KHz 1V |                                |
| 06   | Resonance Frequency (Fo)   | 700 Hz $\pm$ 20% at Fo, 1V       |                                |
| 07   | Sound pressure level       | 97 dB(2.5W/0.1M) $\pm$ 3 dB      | at AVE 1.0, 1.2, 1.6, 2.0 KHz. |
| 08   | Frequency Range            | Fo -9 K Hz                       |                                |
| 09   | Total Harmonics Distortion | Max 10 % at 1 KHz, 1.5V.         |                                |

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



WIRE: UL1061,AWG 26.  
CONNECTOR : Equivalent to JST PHR-2



20  
AATC  
8Ω 2.5W  
RoHS

LABEL  
Background: Silver  
Letters: Black

RoHS

|                         |   |                              |  |            |
|-------------------------|---|------------------------------|--|------------|
| TITLE: DYNAMIC SPEAKER  |   | DRAWN: <b>Zak</b> 2012/11/15 | SCALE: 2:1   | SHEET: 1:1 |
| PART NO. AK-803108DC-2C | 2 | DESIGNED: R&D OF AAT         | UNITS: mm  |            |
| DWG NO. YGDA8031YX-03WC |   | CHECKED:                     | TOLERANCE ± 0.5  |            |
| REV                     |   | APPROVAL:                    | UNLESS OTHERWISE SPECIFIED:<br>ONE PLACE DECIMAL ± ***<br>TWO PLACE DECIMAL ± ***<br>THREE PLACE DECIMAL ± *** |            |
|                         |   | MATERIAL: ABS                |  |            |



**ADVANCED ACOUSTIC TECHNOLOGY CORPORATION**