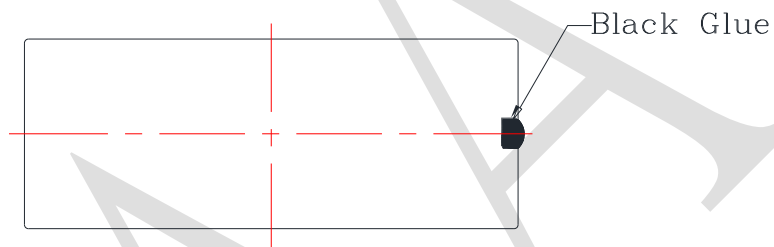
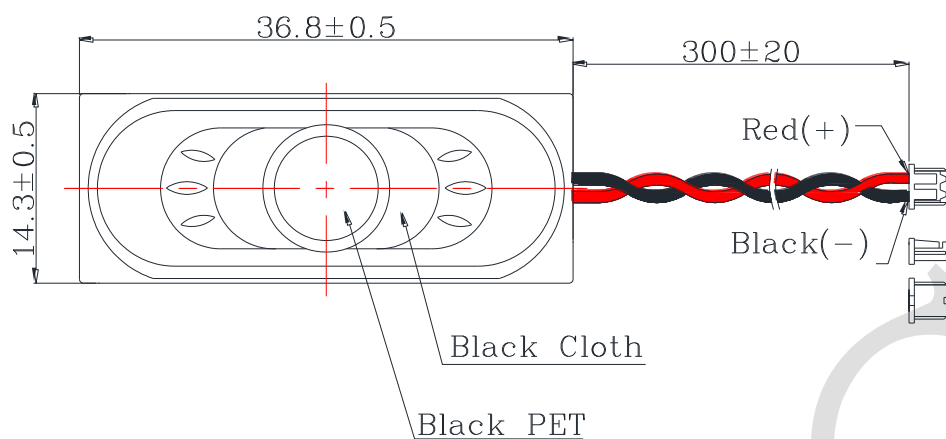


## 1. SPECIFICATION

AKB-37140820-MMC-1C1

| ITEM |                            | SPECIFICATIONS                     |                                   |
|------|----------------------------|------------------------------------|-----------------------------------|
| 01   | Type                       | Dynamic Speaker                    |                                   |
| 02   | Dimension                  | External diameter 37 x 14 mm       |                                   |
| 03   | Rated Input Power          | 2.0 W                              |                                   |
| 04   | Max. Input Power           | 2.5 W for 1 minute                 |                                   |
| 05   | Impedance                  | 8Ω ± 15% at 1KHz 1V                |                                   |
| 06   | Resonance Frequency (Fo)   | 1700 Hz ± 20% at Fo, 1V            |                                   |
| 07   | Sound pressure level       | 79 dB(0.1W/0.1M) ± 3 dB            | at AVE 1.2K, 1.5K, 1.8K, 2.0 KHz. |
|      |                            | 92 dB(2.0W/0.1M) ± 3 dB            |                                   |
| 08   | Frequency Range            | Fo – 6 K Hz                        |                                   |
| 09   | Total Harmonics Distortion | Max 10 % at 2 KHz, 1.0W(2.83V rms) |                                   |

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



Wire: UL 1061,AWG26#

Connector: Equivalent to Molex 51021-0200

RoHS

|                                      |     |                        |                                                                                 |            |              |
|--------------------------------------|-----|------------------------|---------------------------------------------------------------------------------|------------|--------------|
| TITLE: DYNAMIC SPEAKER               |     | DRAWN: Zack            | 2019/12/04                                                                      | SCALE: 1:1 | SHEET: 1 : 1 |
| PART NO.<br>AKB-37140820-MMC-1C1     | 1   | DESIGNED: R & D OF AAT | UNITS: mm                                                                       |            |              |
|                                      |     | CHECKED:               | TOLERANCE ± 0.5                                                                 |            |              |
| DWG NO.<br>CXS1436104LP300-R08W2.0-B | REV | APPROVAL:              | UNLESS OTHERWISE SPECIFIED:                                                     |            |              |
|                                      |     | MATERIAL: ABS          | ONE PLACE DECIMAL ± ***<br>TWO PLACE DECIMAL ± ***<br>THREE PLACE DECIMAL ± *** |            |              |



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