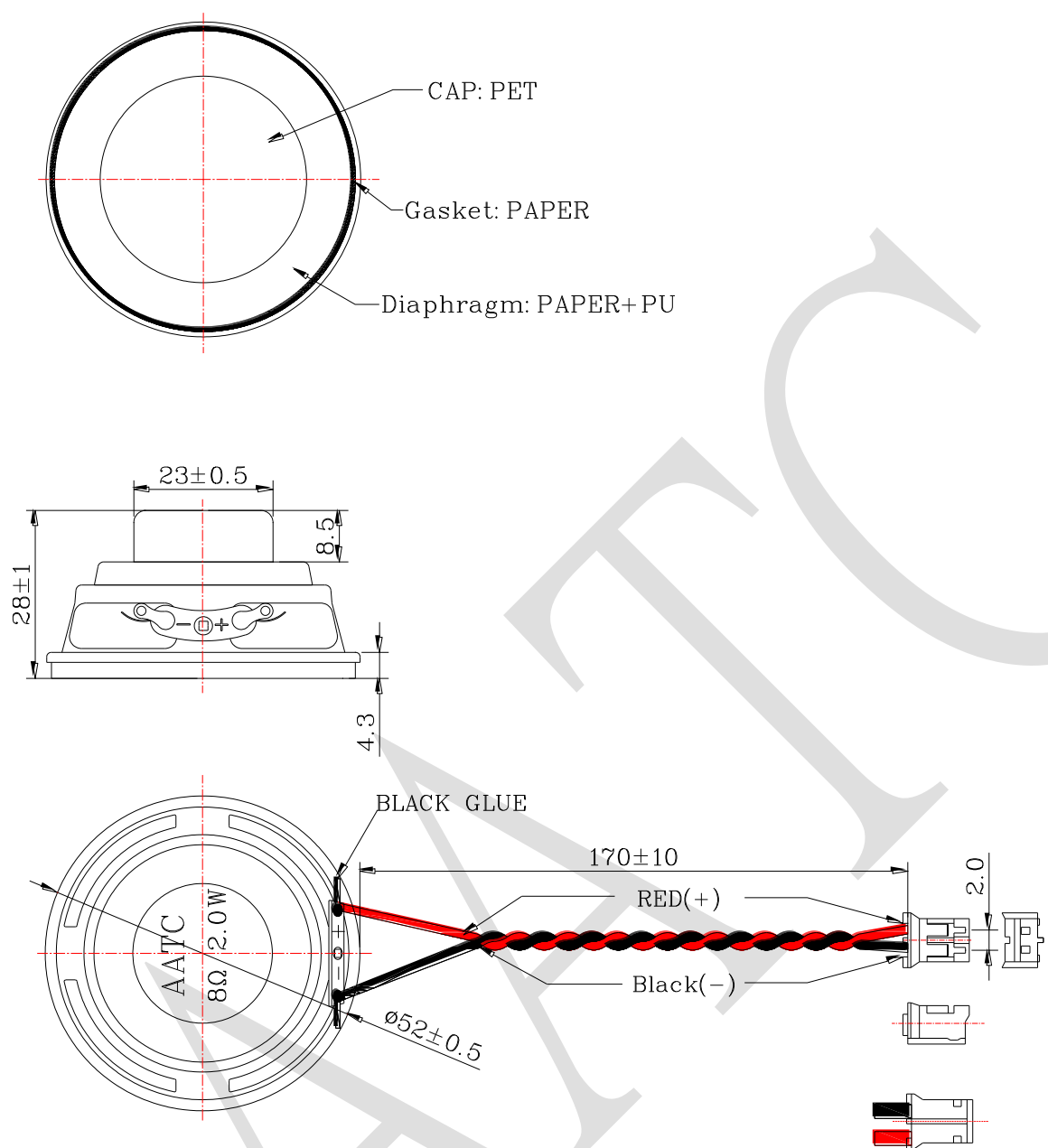


1. SPECIFICATION

AK-520820-MPU-2C

| ITEM |                            | SPECIFICATIONS              |                               |
|------|----------------------------|-----------------------------|-------------------------------|
| 01   | Type                       | Dynamic speaker             |                               |
| 02   | Dimension                  | External diameter 52 mm     |                               |
| 03   | Rated Input Power          | 2.0 W                       |                               |
| 04   | Max. Input Power           | 3.0W for 1 minute           |                               |
| 05   | Impedance                  | $8\Omega \pm 15\%$          |                               |
| 06   | Resonance Frequency (Fo)   | 150 Hz $\pm$ 20% at Fo, 1V  |                               |
| 07   | Sound pressure level       | 100dB(2.0W/0.1M) $\pm$ 3 dB | at AVE0.3, 0.4, 0.5, 0.8 KHz. |
| 08   | Frequency Range            | Fo –20 K Hz                 |                               |
| 09   | Total Harmonics Distortion | Max 5% at 1 KHz, 1.0W.      |                               |

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



Wire: UL1007.AWG22#  
Connector: Equivalent to JST PHR-2P

RoHS

|                                           |     |                           |            |                             |            |
|-------------------------------------------|-----|---------------------------|------------|-----------------------------|------------|
| TITLE: DYNAMIC SPEAKER                    |     | DRAWN: Moose              | 2018-05-24 | SCALE: 2:1                  | SHEET: 1:1 |
| PART NO.<br>AK-520820-MPU-2C              | 1   | DESIGNED: R&D OF AAT      |            | UNITS: mm                   |            |
|                                           |     | CHECKED:                  |            | TOLERANCE ± 0.5             |            |
|                                           |     | APPROVAL:                 |            | UNLESS OTHERWISE SPECIFIED: |            |
| DWG NO.<br>CXS52280LP150-R08W2.0-N15.5U-G | REV | MATERIAL: SPCC            |            | ONE PLACE DECIMAL ± ***     |            |
|                                           |     |                           |            | TWO PLACE DECIMAL ± ***     |            |
|                                           |     | THREE PLACE DECIMAL ± *** |            |                             |            |



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For more information, please contact AATC.

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