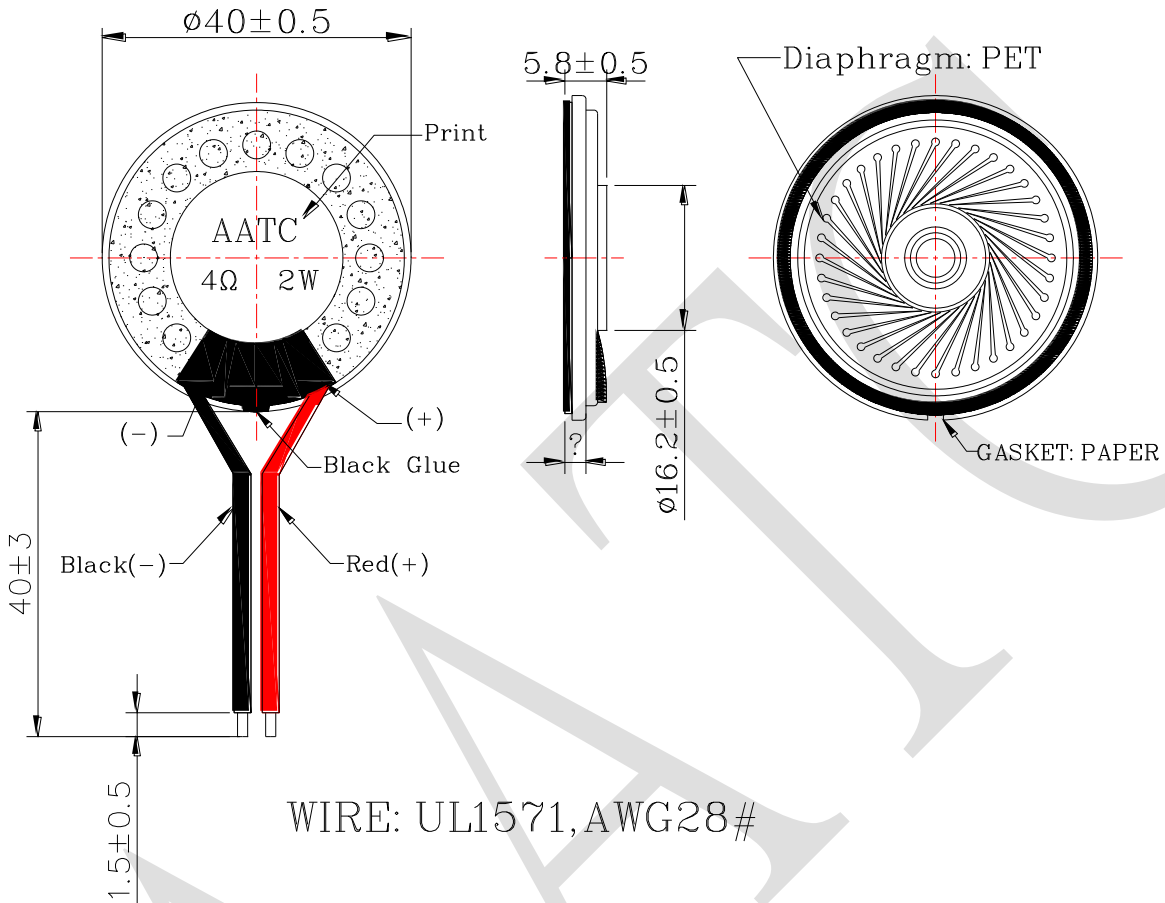


# 1. SPECIFICATION

AK-400420-MM-1W

| ITEM |                            | SPECIFICATIONS  |                                |
|------|----------------------------|---|--------------------------------|
| 01   | Type                       | Dynamic speaker   |                                |
| 02   | Dimension                  | External diameter 40 mm                                 |                                |
| 03   | Rated Input Power          | 2.0 W   |                                |
| 04   | Max. Input Power           | 3.0 W for 1 minute                                      |                                |
| 05   | Impedance                  | $4\Omega \pm 15\%$ at **KHz 1V                          |                                |
| 06   | Resonance Frequency (Fo)   | 600 Hz $\pm$ 20% at Fo, 1V                              |                                |
| 07   | Sound pressure level       | $104\text{dB}(2.0\text{W}/0.1\text{M}) \pm 3\text{ dB}$ | at AVE 0.8, 1.0, 1.2, 1.4 KHz. |
| 08   | Frequency Range            | Fo -5K Hz   |                                |
| 09   | Total Harmonics Distortion | Max 10 % at 1 KHz, 1.0 W.                               |                                |

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



RoHS

|                               |  |                      |                               |            |            |
|-------------------------------|--|----------------------|-------------------------------|------------|------------|
| TITLE: DYNAMIC SPEAKER        |  | DRAWN: Zack          | 2018/02/09                    | SCALE: 2:1 | SHEET: 1:1 |
| PART NO. AK-400420-MM-1W      |  | DESIGNED: R&D OF AAT | UNITS: mm                     |            |            |
| DWG NO. CXS40058L40-R04W2.0-B |  | CHECKED:             | TOLERANCE $\pm 0.5$           |            |            |
| REV 1                         |  | APPROVAL:            | UNLESS OTHERWISE SPECIFIED:   |            |            |
|                               |  | MATERIAL: SPCC       | ONE PLACE DECIMAL $\pm$ ***   |            |            |
|                               |  |                      | TWO PLACE DECIMAL $\pm$ ***   |            |            |
|                               |  |                      | THREE PLACE DECIMAL $\pm$ *** |            |            |



ADVANCED ACOUSTIC TECHNOLOGY CORPORATION

For more information, please contact AATC.

AATC