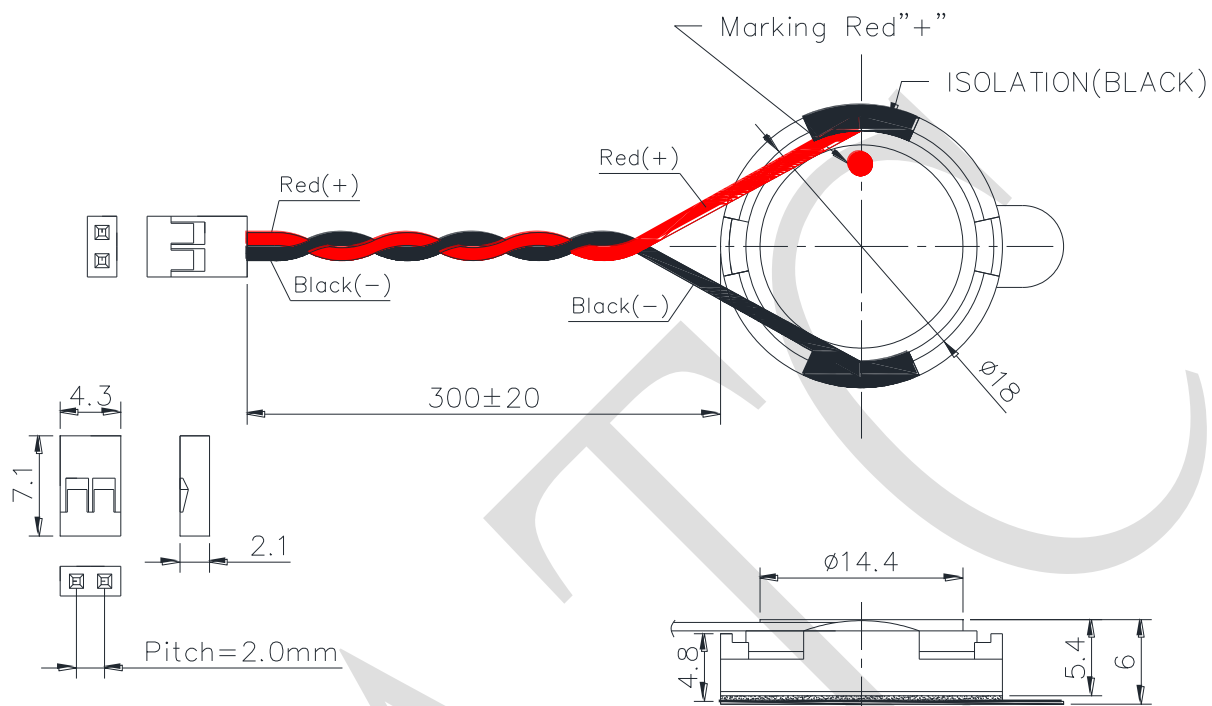


## 1. SPECIFICATION

AK-2008AB-2C7 (RoHS)

| ITEM |                            | SPECIFICATIONS                |                                 |
|------|----------------------------|-------------------------------|---------------------------------|
| 01   | Type                       | Dynamic speaker               |                                 |
| 02   | Dimension                  | External diameter 20 mm       |                                 |
| 03   | Rated Input Power          | 1.5 W                         |                                 |
| 04   | Max. Input Power           | 2.0 W for 1 minute.           |                                 |
| 05   | Impedance                  | $8\Omega \pm 15\%$ at 2KHz 1V |                                 |
| 06   | Resonance Frequency (Fo)   | 850 Hz $\pm 20\%$ at Fo, 1V   |                                 |
| 07   | Sensitivity (S.P.L.)       | 81 dB(1.0W/0.5M) $\pm 3$ dB   | at AVE 0.8, 1.0, 1.25, 1.5 KHz. |
|      |                            | 93 dB(1.0W/0.1M) $\pm 3$ dB   |                                 |
|      |                            | 95 dB(1.5W/0.1M) $\pm 3$ dB   |                                 |
| 08   | Frequency Range            | Fo – 20 K Hz                  |                                 |
| 09   | Total Harmonics Distortion | Max 10 % at 1 KHz, 1.5V.      |                                 |

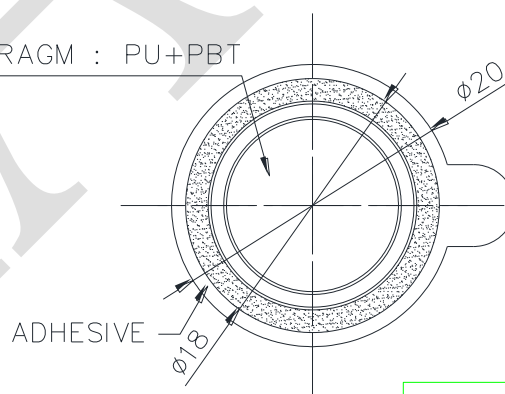
| REV NO. | REVISION NOTE | APPROVAL | DATE |
|---------|---------------|----------|------|
|---------|---------------|----------|------|



CONNECTOR : TU2003HNO-02 Equivalent .

WIRE : UL 1007 , 28 AWG

DIAPHRAGM : PU+PBT



RoHS

|          |                 |           |            |            |        |                             |                           |                         |
|----------|-----------------|-----------|------------|------------|--------|-----------------------------|---------------------------|-------------------------|
| TITLE:   | DYNAMIC SPEAKER | DRAWN:    | Jason      | 2011/02/09 | SCALE: | 2:1                         | SHEET:                    | 1 of 1                  |
| PART NO. | AK-2008AB-2C7   | DESIGNED: | R&D OF AAT | CHECKED:   | UNITS: | mm                          | TOLERANCE                 | ± 0.3                   |
| DWG NO.  | HS-110209       | APPROVAL: |            | MATERIAL:  | PBT    | UNLESS OTHERWISE SPECIFIED: | ONE PLACE DECIMAL ± ***   | TWO PLACE DECIMAL ± *** |
|          |                 |           |            |            |        |                             | THREE PLACE DECIMAL ± *** |                         |



ADVANCED ACOUSTIC TECHNOLOGY CORPORATION

For more information, please contact AATC.

AATC

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

AATC:

[AK-2008AB-2C7](#)