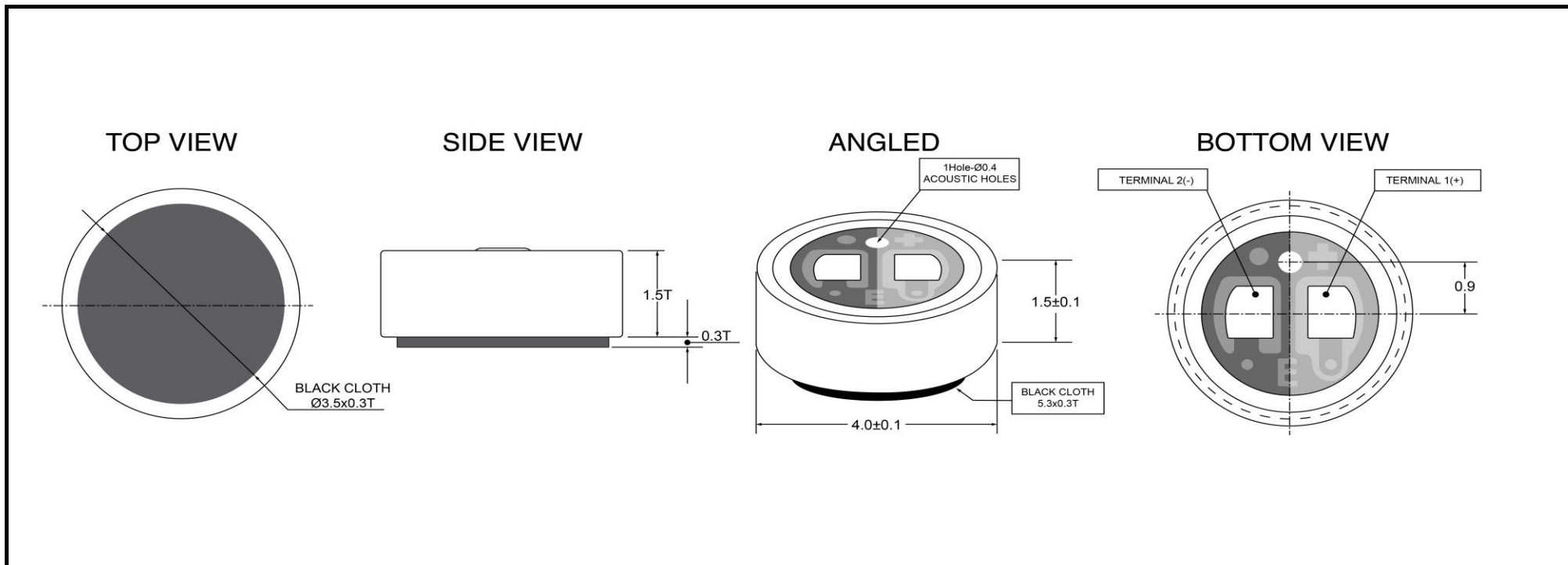




| Specifications                |                    |       | Notes                                                                                               | Revision History              |                           |            |            |             |            |
|-------------------------------|--------------------|-------|-----------------------------------------------------------------------------------------------------|-------------------------------|---------------------------|------------|------------|-------------|------------|
| Description                   | Value              | Unit  |                                                                                                     | Version                       | Description               |            |            | Date        | Approved   |
| Directivity                   | Unidirectional     |       | 1) All dimensions are in mm unless otherwise noted<br>2) All parts meet RoHS                        | 1                             | Released from Engineering |            |            | 10/21/2013  | J.S        |
| Technology                    | Electret Condenser |       |                                                                                                     |                               |                           |            |            |             |            |
| Sensitivity                   | -44                | (dB)  |                                                                                                     |                               |                           |            |            |             |            |
| Frequency Range               | 40 ~ 20,000        | (Hz)  |                                                                                                     |                               |                           |            |            |             |            |
| Rated Voltage                 | 2                  | (V)   |                                                                                                     |                               |                           |            |            |             |            |
| Impedance                     | 2,200              | (Ohm) |                                                                                                     |                               |                           |            |            |             |            |
| Connection Method             | Solder Pads        |       |                                                                                                     |                               |                           |            |            |             |            |
| Voltage Range                 | 1.7 ~ 5            | (V)   |                                                                                                     |                               |                           |            |            |             |            |
| Max Rated Current             | 0.45               | (mA)  |                                                                                                     |                               |                           |            |            |             |            |
| Minimum Signal to Noise Ratio | >55                | (dB)  |                                                                                                     |                               |                           |            |            |             |            |
| Operating Temperature         | -40 ~ +85          | °C    | <br>DB UNLIMITED | Drawn by                      | Date                      | Checked by | Date       | Approved by | Date       |
| Storage Temperature           | -40 ~ +85          | °C    |                                                                                                     | A.B.                          | 10/21/2013                | C.E.       | 10/21/2013 | J.S         | 10/21/2013 |
|                               |                    |       |                                                                                                     | Electret Condenser Microphone |                           |            | MU044402-1 |             |            |

Additional considerations can be found at [www.dbunlimitedco.com/technical-articles](http://www.dbunlimitedco.com/technical-articles).