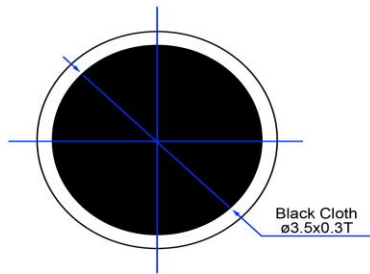
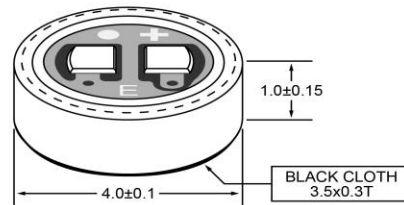


TOP VIEW



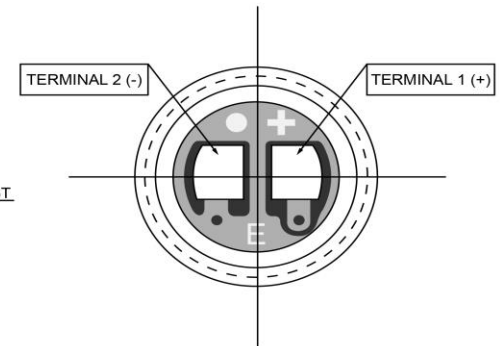
ANGLED VIEW




SIDE VIEW



BOTTOM VIEW



| Specifications                |                    |       | Notes  | Revision History                     |                           |            |                   |             |            |
|-------------------------------|--------------------|-------|--|--------------------------------------|---------------------------|------------|-------------------|-------------|------------|
| Description                   | Value              | Unit  |  | Version                              | Description               | Date       | Approved          |             |            |
| Directivity                   | Omnidirectional    |       | 1) All dimensions are in mm unless otherwise noted<br>2) All parts meet RoHS<br> | 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)   |  |                                      |                           |            |                   |             |            |
| Output Impedance              | 2,200              | (Ohm) |  |                                      |                           |            |                   |             |            |
| Connection Method             | Solder Pads        |       |  |                                      |                           |            |                   |             |            |
| Voltage Range                 | 1 ~ 10             | (V)   |  |                                      |                           |            |                   |             |            |
| Max Rated Current             | 0.45               | (mA)  |  |                                      |                           |            |                   |             |            |
| Minimum Signal to Noise Ratio | >60                | (dB)  |  |                                      |                           |            |                   |             |            |
| Operating Temperature         | -40 ~ +85          | °C    |  |                                      |                           |            |                   |             |            |
| Storage Temperature           | -40 ~ +85          | °C    |  |                                      |                           |            |                   |             |            |
|                               |                    |       |  | Drawn by                             | Date                      | Checked by | Date              | Approved by | Date       |
|                               |                    |       |  | A.B.                                 | 10/21/2013                | C.E.       | 10/21/2013        | J.S         | 10/21/2013 |
|                               |                    |       |  | <b>Electret Condenser Microphone</b> |                           |            | <b>MO044402-2</b> |             |            |

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