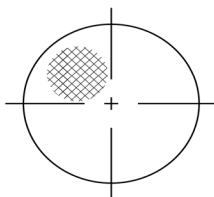
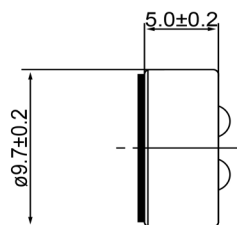


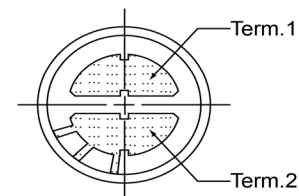
TOP VIEW



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                        | 1                | Released from Engineering |            | 10/21/2013 | J.S         |            |
| Technology                    | Electret Condenser |       |                                                                                                     |                  |                           |            |            |             |            |
| Sensitivity                   | -40                | (dB)  |                                                                                                     |                  |                           |            |            |             |            |
| Frequency Range               | 50 ~ 16,000        | (Hz)  |                                                                                                     |                  |                           |            |            |             |            |
| Rated Voltage                 | 3                  | (V)   |                                                                                                     |                  |                           |            |            |             |            |
| Output Impedance              | 2,200              | (Ohm) |                                                                                                     |                  |                           |            |            |             |            |
| Connection Method             | Solder Pads        |       |                                                                                                     |                  |                           |            |            |             |            |
| Voltage Range                 | 3 ~ 10             | (V)   |                                                                                                     |                  |                           |            |            |             |            |
| Max Rated Current             | 0.5                | (mA)  |                                                                                                     |                  |                           |            |            |             |            |
| Minimum Signal to Noise Ratio | >60                | (dB)  |                                                                                                     |                  |                           |            |            |             |            |
| Operating Temperature         | -20 ~ +60          | °C    | <br>DB UNLIMITED | Drawn by         | Date                      | Checked by | Date       | Approved by | Date       |
| Storage Temperature           | -25 ~ +70          | °C    |                                                                                                     | A.B.             | 10/21/2013                | C.E.       | 10/21/2013 | J.S         | 10/21/2013 |
| Electret Condenser Microphone |                    |       |                                                                                                     | MO094003-1       |                           |            |            |             |            |