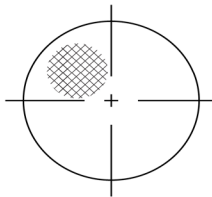
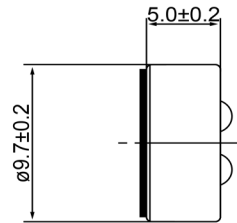


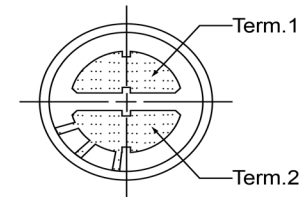
TOP VIEW




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<br> | 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    |  |                                      |                           |                   |             |                    |             |
| Storage Temperature           | -25 ~ +70          | °C    |  |                                      |                           |                   |             |                    |             |
|                               |                    |       |  | <b>Electret Condenser Microphone</b> | <b>MO094003-1</b>         |                   |             |                    |             |
|                               |                    |       |  | <b>Drawn by</b>                      | <b>Date</b>               | <b>Checked by</b> | <b>Date</b> | <b>Approved by</b> | <b>Date</b> |
|                               |                    |       |  | A.B.                                 | 10/21/2013                | C.E.              | 10/21/2013  | J.S                | 10/21/2013  |