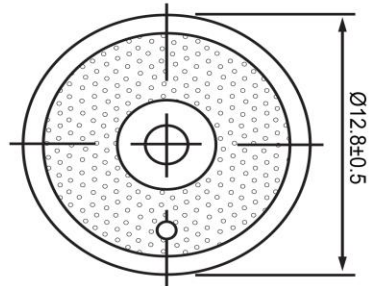
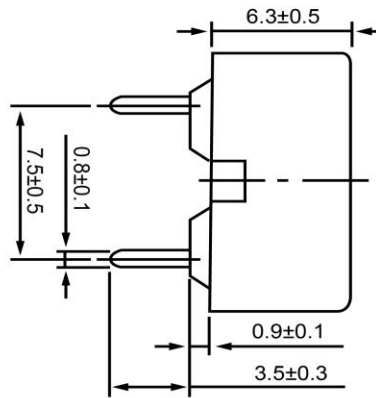



TOP VIEW



SIDE VIEW



| Specifications        |           |       | Notes  | Revision History        |                           |            |                   |             |            |  |
|-----------------------|-----------|-------|--|-------------------------|---------------------------|------------|-------------------|-------------|------------|--|
| Description           | Value     | Unit  |  | Version                 | Description               | Date       | Approved          |             |            |  |
| Technology            | Piezo     |       | 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               |             |            |  |
| Resonant Frequency    | 4,000     | (Hz)  |  |                         |                           |            |                   |             |            |  |
| Rated Voltage         | 5         | (V)   |  |                         |                           |            |                   |             |            |  |
| SPL @ 10cm            | 80        | (dBA) |  |                         |                           |            |                   |             |            |  |
| Capacitance           | 14,000    | (pF)  |  |                         |                           |            |                   |             |            |  |
| Mount Type            | Thru Hole |       |  |                         |                           |            |                   |             |            |  |
| Voltage Range         | 1 ~ 30    | (V)   |  |                         |                           |            |                   |             |            |  |
| Max Rated Current     | 5         | (mA)  |  |                         |                           |            |                   |             |            |  |
| Housing Material      | PBT       |       |  |                         |                           |            |                   |             |            |  |
| Operating Temperature | -20 ~ +60 | °C    |  |                         |                           |            |                   |             |            |  |
| Storage Temperature   | -20 ~ +60 | °C    |  |                         |                           |            |                   |             |            |  |
| Weight                | 2         | (g)   |  |                         |                           |            |                   |             |            |  |
|                       |           |       |  | 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>Piezo Transducer</b> |                           |            | <b>TP124005-1</b> |             |            |  |

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