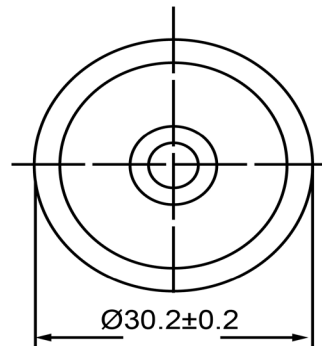
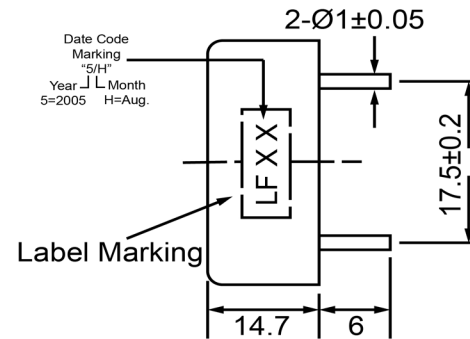


TOP VIEW



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         | 1                | Released from Engineering | 10/21/2013         | J.S                |                    |                    |
| Resonant Frequency    | 3,000     | (Hz)  |                                                                                      |                  |                           |                    |                    |                    |                    |
| Rated Voltage         | 12        | (V)   |                                                                                      |                  |                           |                    |                    |                    |                    |
| SPL @ 10cm            | 100       | (dBA) |                                                                                      |                  |                           |                    |                    |                    |                    |
| Tone                  | Single    |       |                                                                                      |                  |                           |                    |                    |                    |                    |
| Mount Type            | Thru-hole |       |                                                                                      |                  |                           |                    |                    |                    |                    |
| Voltage Range         | 3 ~ 20    | (V)   |                                                                                      |                  |                           |                    |                    |                    |                    |
| Max Rated Current     | 10        | (mA)  |                                                                                      |                  |                           |                    |                    |                    |                    |
| Housing Material      | ABS       |       |                                                                                      |                  |                           |                    |                    |                    |                    |
| Operating Temperature | -20 ~ +60 | °C    |                                                                                      |                  |                           |                    |                    |                    |                    |
| Storage Temperature   | -20 ~ +60 | °C    |  | Drawn by<br>A.B. | Date<br>10/21/2013        | Checked by<br>C.E. | Date<br>10/21/2013 | Approved by<br>J.S | Date<br>10/21/2013 |
| Weight                | 3         | (g)   |                                                                                      | Piezo Indicator  |                           |                    | IP303012-1         |                    |                    |