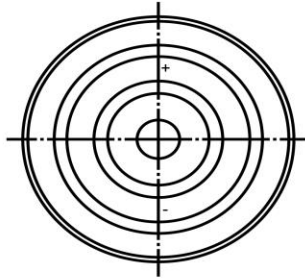
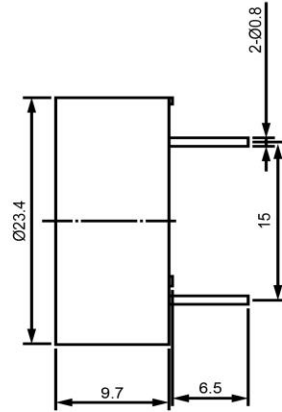


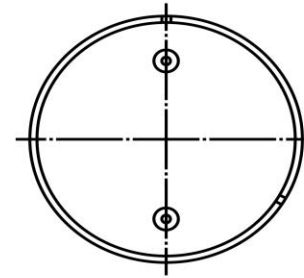
TOP VIEW





SIDE VIEW



BOTTOM VIEW



| Specifications | | | Notes | Revision History | | | | | | | |
|--|-----------|-------|---|------------------|---------------------------|-------------------|------------|------------|------------|-------------|------------|
| Description | Value | Unit | | Version | Description | Date | Approved | | | | |
| Technology | Piezo | | 1) All dimensions are in mm unless otherwise noted 2) All parts meet RoHS | 1 | Released from Engineering | 10/21/2013 | J.S | | | | |
| Resonant Frequency | 3,100 | (Hz) | | | | | | | | | |
| Rated Voltage | 12 | (V) | | | | | | | | | |
| SPL @ 10cm | 85 | (dBA) | | | | | | | | | |
| Tone | Single | | | | | | | | | | |
| Mount Type | Thru Hole | | | | | | | | | | |
| Voltage Range | 3 ~ 20 | (V) | | | | | | | | | |
| Max Rated Current | 15 | (mA) | | | | | | | | | |
| Housing Material | NORYL | | | | | | | | | | |
| Operating Temperature | -30 ~ +70 | °C | | | | | | | | | |
| Storage Temperature | -40 ~ +85 | °C | | | | | | | | | |
| Weight | 3 | (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 |
| | | | | | | IP233112-1 | | | | | |