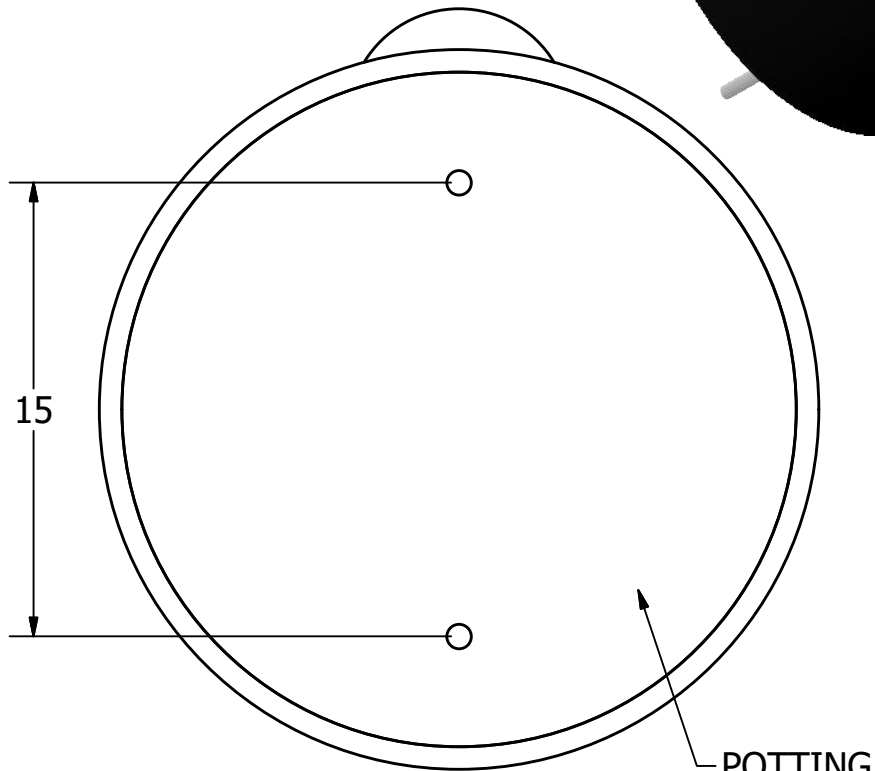
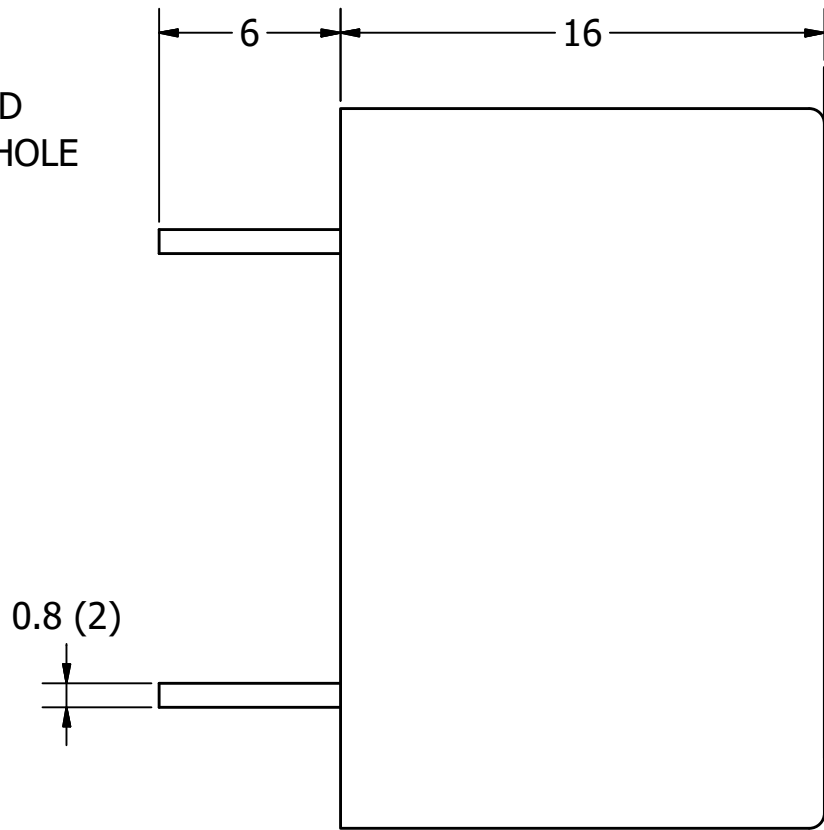
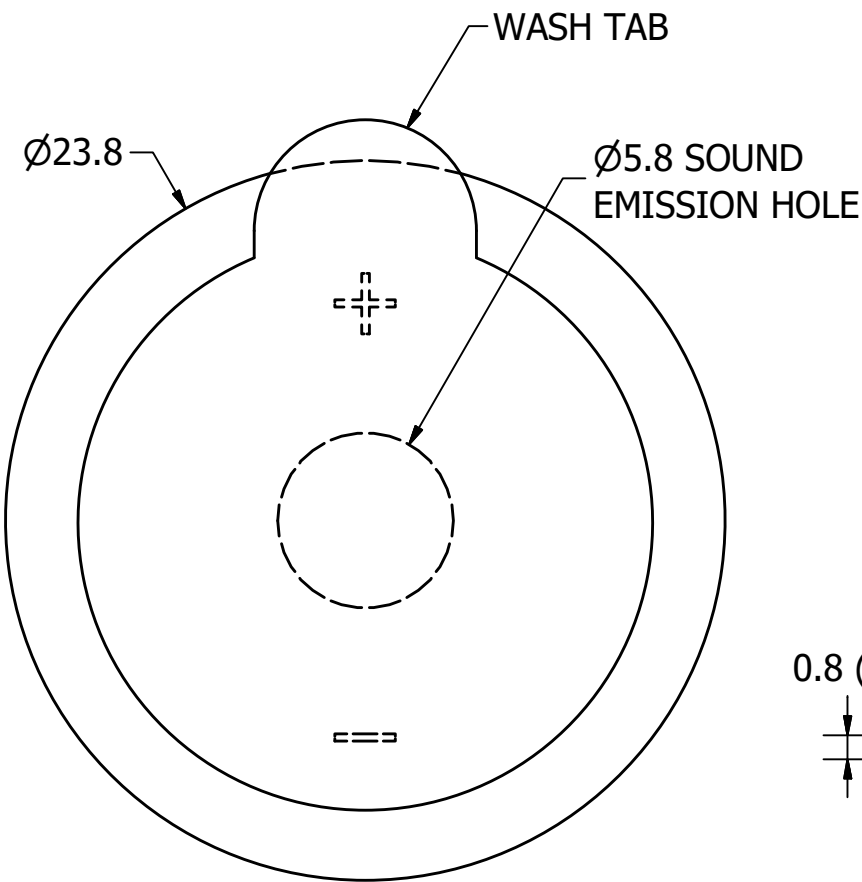


| SPECIFICATIONS          |                     |              |
|-------------------------|---------------------|--------------|
| PARAMETERS              | VALUES              | UNITS        |
| RATED VOLTAGE           | 12                  | Vdc          |
| OPERATING VOLTAGE RANGE | 3 ~ 20              | Vdc          |
| RATED CURRENT (MAX)     | 8                   | mA           |
| MINIMUM SPL @ 10 CM     | 95                  | dBA          |
| RESONANT FREQUENCY      | 2,900 ± 500         | Hz           |
| TONE OR PULSE RATE      | CONTINUOUS          | 0 pulse /sec |
| OPERATING TEMPERATURE   | -20 ~ +70           | °C           |
| STORAGE TEMPERATURE     | -30 ~ +80           | °C           |
| HOUSING MATERIAL        | NORYL               | -            |
| TERMINAL MATERIAL       | Sn PLATED<br>COPPER | -            |
| WEIGHT                  | 6                   | grams        |

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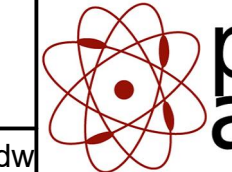
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| REVISION HISTORY |                                          |           |          |
|------------------|------------------------------------------|-----------|----------|
| LTR              | DESCRIPTION                              | DATE      | APPROVED |
| -                | RELEASED FROM ENGINEERING                | 3/21/2006 |          |
| A                | REVISED TONE OR PULSE RATE               | 1/29/2007 | R.W.     |
| B                | REVISED TO INVENTOR 3-D DRAWING TEMPLATE | 1/18/2008 | B.R.     |
| C                | REVISED ROHS AND ADDED WAVE SOLDER NOTE  | 1/25/2019 | M.L.     |



**NOTES:**

1. ALL DIMENSIONS ARE IN MILLIMETERS.
2. SPECIFICATIONS SUBJECT TO CHANGE OR WITHDRAWL WITHOUT NOTICE.
3. THIS PART IS RoHS 2011/65/EU COMPLIANT.
4. WAVE SOLDER ACCEPTABLE.

|                                                                                                                  |      |                                                                                                              |           |            |                     |             |           |            |         |
|------------------------------------------------------------------------------------------------------------------|------|--------------------------------------------------------------------------------------------------------------|-----------|------------|---------------------|-------------|-----------|------------|---------|
| UNLESS OTHERWISE SPECIFIED:<br><br>DIMENSIONS ARE IN MILLIMETERS,<br><br>TOLERANCES ARE ±0.5 AND ANGLES ARE ±3°. | SIZE | Designed by                                                                                                  | Date      | Checked by | Date                | Approved by | Date      | Drawn Date |         |
|                                                                                                                  |      | T.G.                                                                                                         | 3/21/2006 | B.R.       | 3/22/2006           | E.P.        | 3/22/2006 | 1/18/2008  |         |
|                                                                                                                  | A3   |  <b>pui audio</b> ™ inc |           |            | AI-2429-TWT-12V-3-R |             |           |            |         |
|                                                                                                                  |      |                                                                                                              |           |            | Indicator           |             |           |            | Edition |
| AI-2429-TWT-12V-3-R.idw                                                                                          |      |                                                                                                              |           |            |                     | -           | 1 / 1     |            |         |