

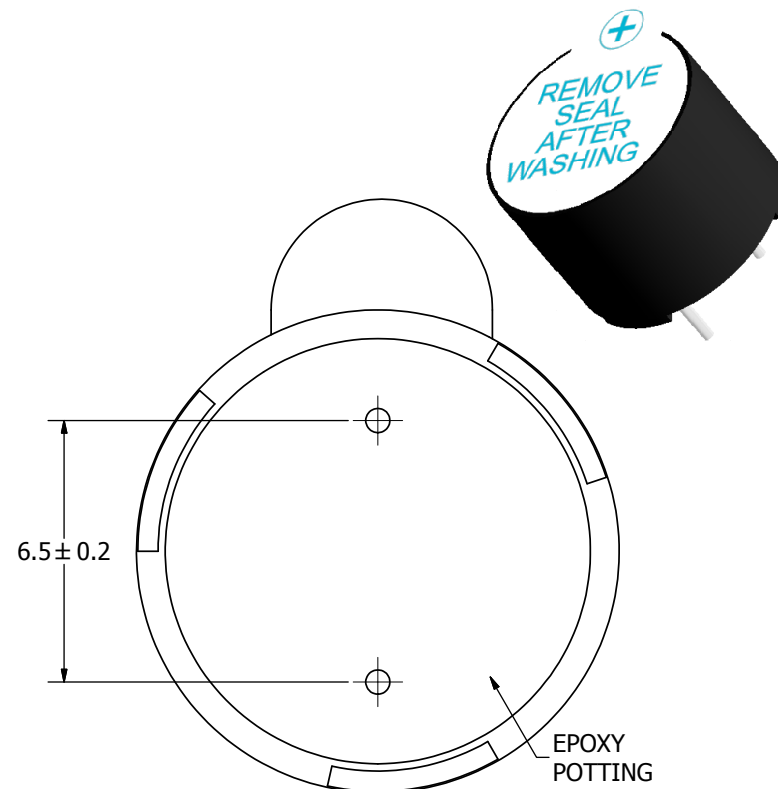
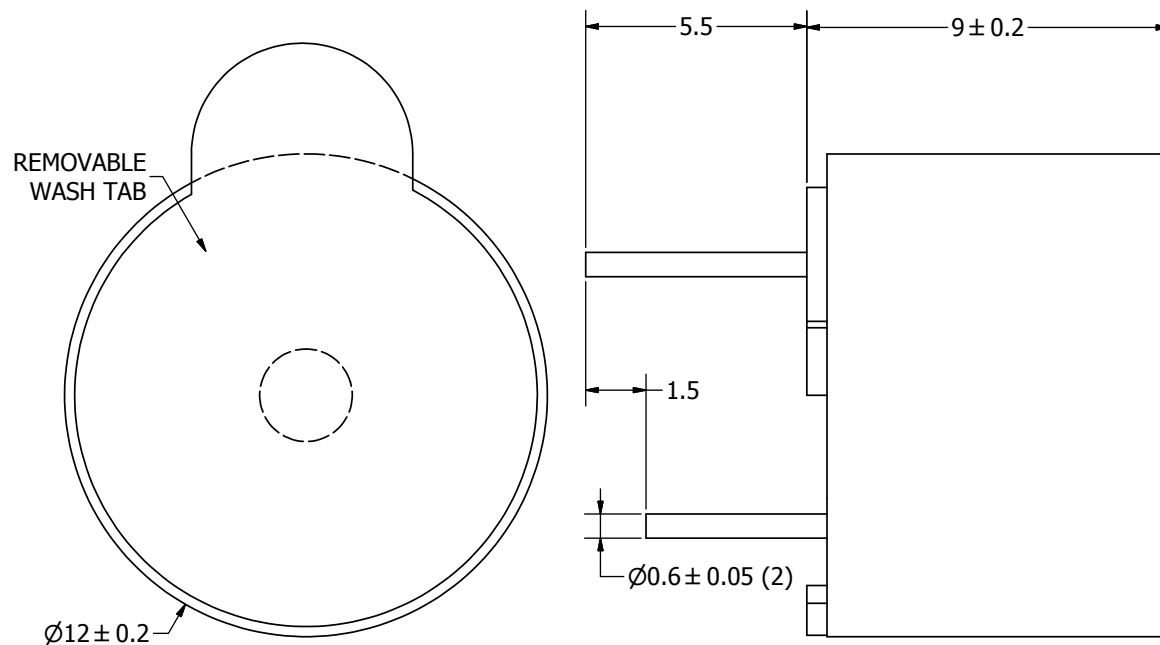
## SPECIFICATIONS

| PARAMETERS              | VALUES                  | UNITS |
|-------------------------|-------------------------|-------|
| RATED VOLTAGE           | 12                      | Vp-p  |
| OPERATING VOLTAGE RANGE | 6 ~ 15                  | Vp-p  |
| RATED CURRENT (MAX)     | 40                      | mA    |
| COIL RESISTANCE         | 140 ± 14                | OHM   |
| MINIMUM SPL @ 10 CM     | 85                      | dBA   |
| RESONANT FREQUENCY      | 2,400 ± 500             | Hz    |
| OPERATING TEMPERATURE   | -30 ~ +105              | °C    |
| STORAGE TEMPERATURE     | -40 ~ +110              | °C    |
| HOUSING MATERIAL        | PBT                     | -     |
| TERMINAL MATERIAL       | Sn PLATED<br>RED COPPER | -     |
| WEIGHT                  | 1.5                     | grams |

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## REVISION HISTORY

| LTR | DESCRIPTION                              | DATE       | APPROVED |
|-----|------------------------------------------|------------|----------|
| -   | RELEASED FROM ENGINEERING                | 7/21/2005  |          |
| A   | REVISED BODY DIMENSION                   | 11/27/2007 | R.W.     |
| B   | REVISED TO INVENTOR 3-D DRAWING TEMPLATE | 4/7/2008   | B.R.     |



### NOTES:

- ALL DIMENSIONS ARE IN MILLIMETERS.
- SPECIFICATIONS SUBJECT TO CHANGE OR WITHDRAWAL WITHOUT NOTICE.
- THIS PART IS RoHS 2002/95/EC COMPLIANT.

|                                                                                                                  |                       |                           |                                                                                                                                                                                          |            |                 |             |              |                |
|------------------------------------------------------------------------------------------------------------------|-----------------------|---------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|-----------------|-------------|--------------|----------------|
| UNLESS OTHERWISE SPECIFIED:<br><br>DIMENSIONS ARE IN MILLIMETERS,<br><br>TOLERANCES ARE ±0.5 AND ANGLES ARE ±3°. | SIZE<br><br><b>A3</b> | Designed by               | Date                                                                                                                                                                                     | Checked by | Date            | Approved by | Date         | Drawn Date     |
|                                                                                                                  |                       | R.A.C.                    | 7/14/2005                                                                                                                                                                                | B.R.       | 7/21/2005       | R.W.        | 7/21/2005    | 4/7/2008       |
|                                                                                                                  | AT-1224-TWT-4-R.idw   |                           |  <div><b>pui</b><br/><b>audio</b><sup>™</sup><br/><small>a projects unlimited company</small></div> |            | AT-1224-TWT-4-R |             |              |                |
|                                                                                                                  |                       | Transducer (Electro-Mech) |                                                                                                                                                                                          |            |                 |             | Edition<br>- | Sheet<br>1 / 1 |