

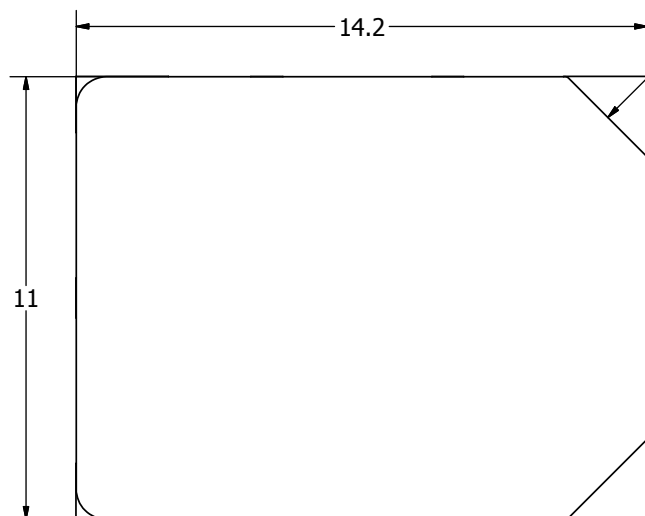
## SPECIFICATIONS

| PARAMETERS              | VALUES                       | UNITS |
|-------------------------|------------------------------|-------|
| RATED VOLTAGE           | 5                            | Vp-p  |
| OPERATING VOLTAGE RANGE | 3 ~ 7                        | Vp-p  |
| RATED CURRENT (MAX)     | 80                           | mA    |
| COIL RESISTANCE         | 30 ± 4.5                     | OHM   |
| MINIMUM SPL @ 10 CM     | 85                           | dB    |
| RESONANT FREQUENCY      | 2,700 ± 500                  | Hz    |
| OPERATING TEMPERATURE   | -30 ~ +60                    | °C    |
| STORAGE TEMPERATURE     | -40 ~ +85                    | °C    |
| HOUSING MATERIAL        | LCP                          | -     |
| TERMINAL MATERIAL       | Sn PLATED<br>PHOSPHOR BRONZE | -     |
| WEIGHT                  | 0.7                          | grams |

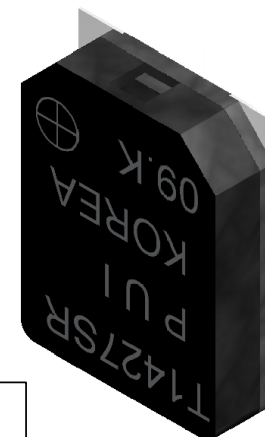
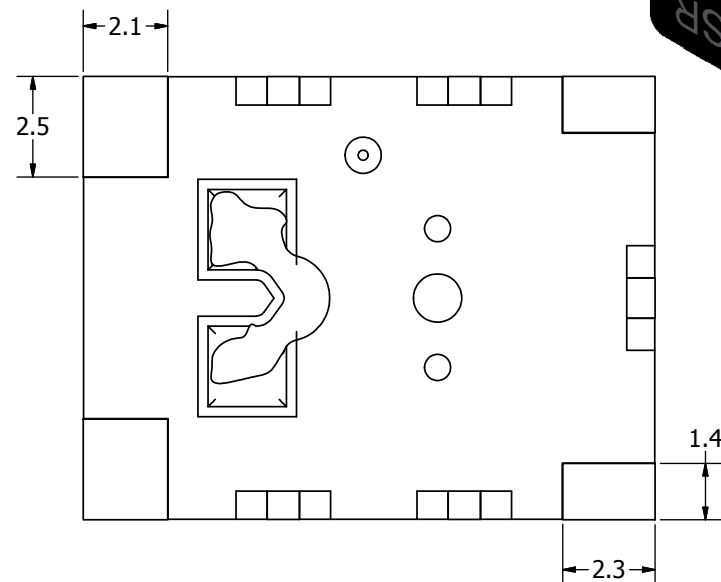
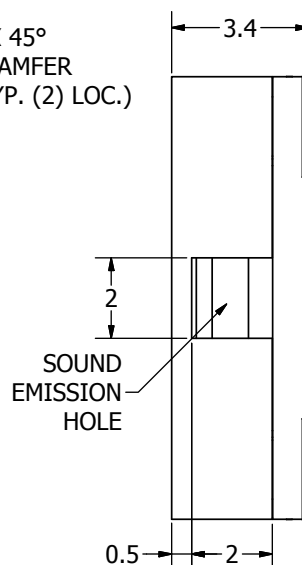
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## REVISION HISTORY

| LTR | DESCRIPTION                              | DATE      | APPROVED |
|-----|------------------------------------------|-----------|----------|
| -   | RELEASED FROM ENGINEERING                | 5/9/2006  |          |
| A   | REVISED TO INVENTOR 3-D DRAWING TEMPLATE | 5/10/2010 | B.R.     |



2 X 45°  
CHAMFER  
(TYP. (2) LOC.)



## 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 |
|                                                                                                                  |                       | J.D.        | 5/9/2006                                                                                                                                                                                 | E.P.       | 5/9/2006     | B.R.        | 5/9/2006 | 5/10/2010  |
|                                                                                                                  | SMT-1427-S-R.idw      |             |  <div><b>pui</b><br/><b>audio</b><sup>™</sup><br/><small>a projects unlimited company</small></div> |            | SMT-1427-S-R |             |          |            |
| Transducer (Electro-Mech)                                                                                        |                       |             |                                                                                                                                                                                          |            | Edition      | Sheet       |          |            |
|                                                                                                                  |                       |             |                                                                                                                                                                                          | -          |              |             |          | 1 / 1      |

