

## Excellent Integrated System Limited

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[PUI Audio, Inc.](#)  
[SMT-0823-S-R](#)

For any questions, you can email us directly:  
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**SPECIFICATIONS**

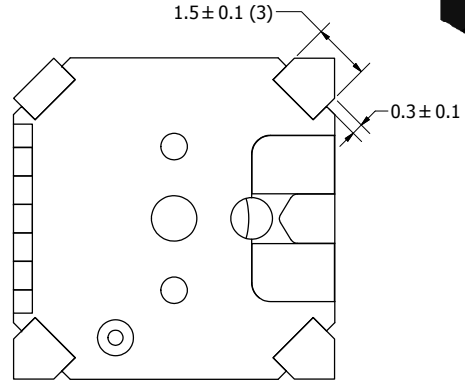
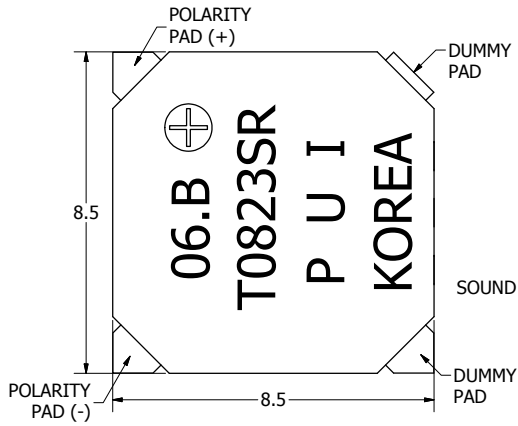
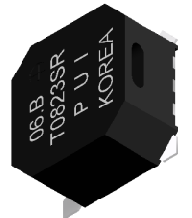
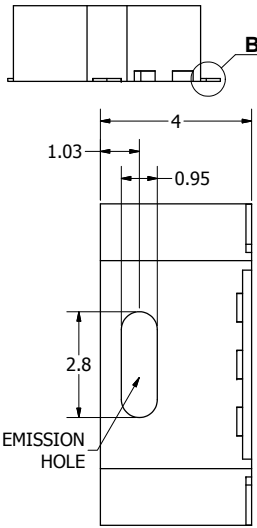
| PARAMETERS                  | VALUES                       | UNIT  |
|-----------------------------|------------------------------|-------|
| RATED VOLTAGE (SQUARE WAVE) | 5                            | Vp-p  |
| OPERATING VOLTAGE RANGE     | 3 ~ 7                        | Vp-p  |
| RATED CURRENT (MAX)         | 70                           | mA    |
| COIL RESISTANCE             | 32 ± 5                       | OHM   |
| MINIMUM SPL @ 10 CM         | 87                           | dB    |
| RESONANT FREQUENCY          | 2,300 ± 500                  | Hz    |
| OPERATING TEMPERATURE       | -30 ~ +70                    | °C    |
| STORAGE TEMPERATURE         | -40 ~ +80                    | °C    |
| HOUSING MATERIAL            | LCP                          | -     |
| TERMINAL MATERIAL           | Sn PLATED<br>PHOSPHOR BRONZE | -     |
| WEIGHT                      | .42                          | grams |

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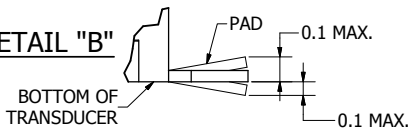
**REVISION HISTORY**

| LTR | DESCRIPTION                              | DATE      | APPROVED |
|-----|------------------------------------------|-----------|----------|
| -   | RELEASED FROM ENGINEERING                | 4/1/2005  |          |
| A   | UPDATED RoHS INFORMATION                 | 5/9/2005  | R.W.     |
| B   | REVISED TO INVENTOR 3-D DRAWING TEMPLATE | 11/1/2007 | B.R.     |

**A (5:1)**



**DETAIL "B"**



**NOTES:**

1. ALL DIMENSIONS ARE IN MILLIMETERS.
2. SPECIFICATIONS SUBJECT TO CHANGE OR WITHDRAWL WITHOUT NOTICE.
3. THIS PART IS RoHS 2002/95/EC COMPLIANT.

|                                                                                                          |      |             |           |                     |          |                           |          |                            |
|----------------------------------------------------------------------------------------------------------|------|-------------|-----------|---------------------|----------|---------------------------|----------|----------------------------|
| UNLESS OTHERWISE SPECIFIED:<br>DIMENSIONS ARE IN MILLIMETERS,<br>TOLERANCES ARE ±0.5 AND ANGLES ARE ±3°. | SIZE | Designed by | Date      | Checked by          | Date     | Approved by               | Date     | Drawn Date                 |
|                                                                                                          | A3   | G.V.        | 3/31/2005 | E.P.                | 4/1/2005 | R.W.                      | 4/1/2005 | 11/1/2007                  |
| SMT-0823-S-R.idw                                                                                         |      |             |           | <b>SMT-0823-S-R</b> |          | Transducer (Electro-Mech) |          | Edition: -<br>Sheet: 1 / 1 |