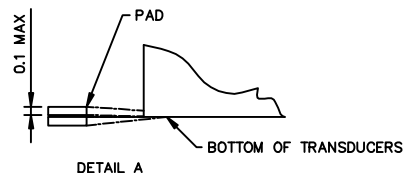
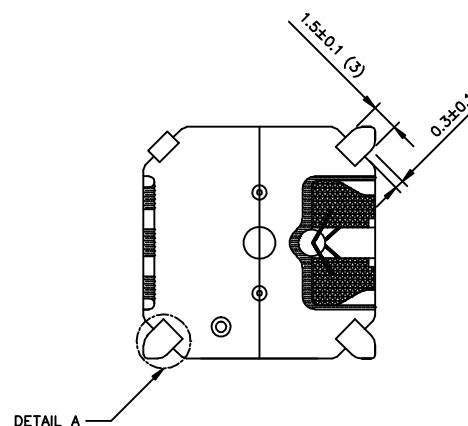
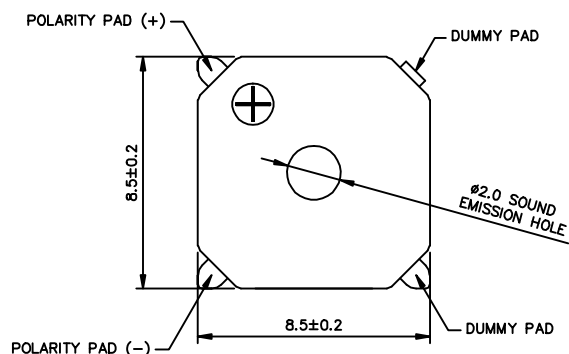


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## SPECIFICATIONS

| PARAMETERS                  | VALUES         | UNITS            |
|-----------------------------|----------------|------------------|
| RATED VOLTAGE (SQUARE WAVE) | 3.6            | V <sub>p-p</sub> |
| OPERATING VOLTAGE RANGE     | 2.5 ~ 4.5      | V <sub>p-p</sub> |
| RATED CURRENT (MAX)         | 90             | mA               |
| COIL RESISTANCE             | 15±3           | OHM              |
| MINIMUM SPL @ 10 CM         | 87             | dB               |
| RESONANT FREQUENCY          | 2,500±500      | Hz               |
| OPERATING TEMPERATURE       | -30 ~ +70      | °C               |
| STORAGE TEMPERATURE         | -40 ~ +85      | °C               |
| HOUSING MATERIAL            | LCP            | -                |
| TERMINAL MATERIAL           | TIN PLATED PBS | -                |
| WEIGHT                      | 0.42           | grams            |



### NOTES:

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

FILE NAME  
SMT-0825-T-R.DWG

## REVISIONS

| LTR | DESCRIPTION                       | DATE    | APPROVED |
|-----|-----------------------------------|---------|----------|
| -   | RELEASED FROM ENGINEERING         | 1/4/05  |          |
| A   | CHANGED MAT. & TERM. MAT.         | 3/9/05  | G.V.     |
| B   | REMOVED LEAD FREE ADDED RoHS NOTE | 8/10/05 |          |
| C   | ADDED RESONANT FREQ. TOLERANCE    | 5/16/07 | R.W.     |

UNLESS OTHERWISE SPECIFIED:  
DIMENSIONS ARE IN  
MILLIMETERS, TOLERANCES ARE ±0.5 AND  
ANGLES ARE ±3°.

|                      |      |
|----------------------|------|
| APPROVALS            | DATE |
| DRAWN <i>R.A.C.</i>  | 1/05 |
| APPROVED <i>R.W.</i> | 1/05 |

DO NOT SCALE DRAWING



Dayton, Ohio

TRANSDUCER(ELECTRO-MECH)  
SMT-0825-T-R

SIZE **A** DRAWING NO.  
SMT-0825-T-R

SCALE: N.T.S.

SHEET 1 OF 1