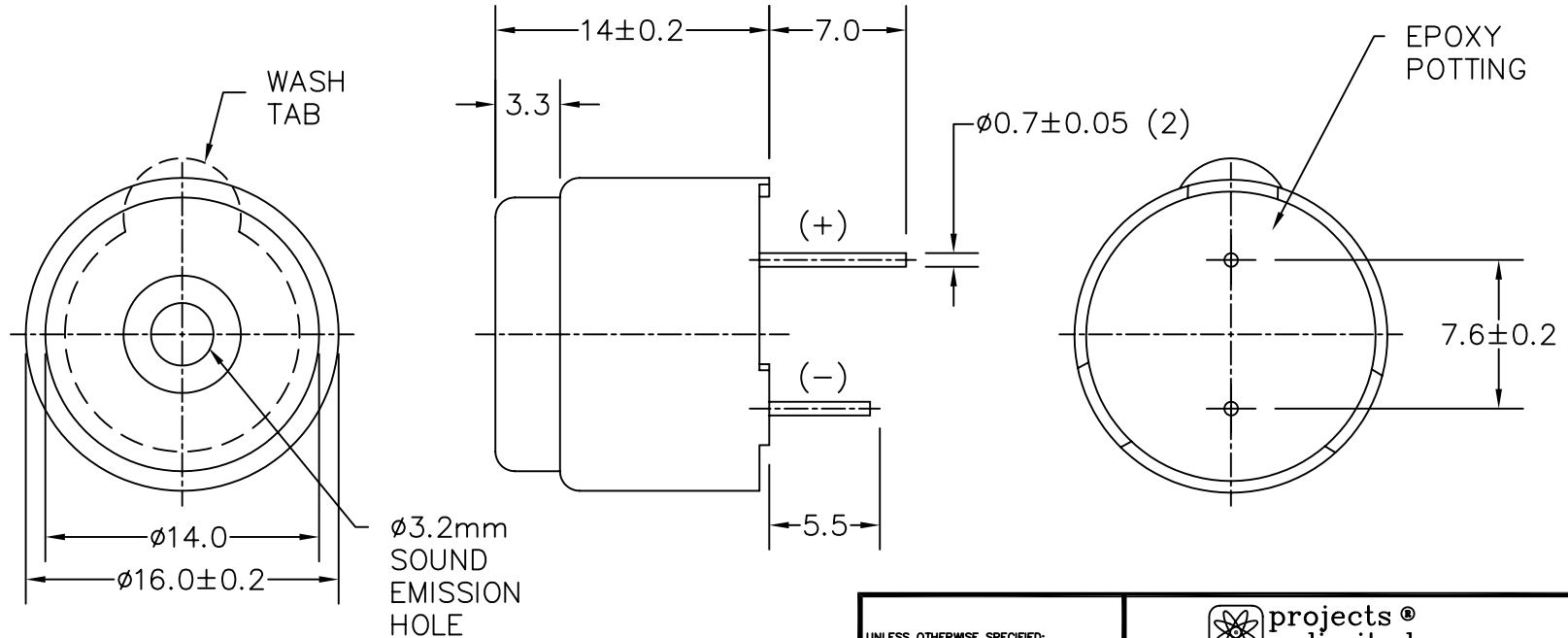


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### SPECIFICATIONS

| PARAMETERS                  | VALUES           | UNITS |
|-----------------------------|------------------|-------|
| RATED VOLTAGE (SQUARE WAVE) | 1.5              | Vp-p  |
| OPERATING VOLTAGE RANGE     | 1 ~ 3            | Vp-p  |
| RATED CURRENT (MAX)         | 18               | mA    |
| COIL RESISTANCE             | 27±3             | OHM   |
| MINIMUM SPL @ 10 CM         | 80               | dBa   |
| RESONANT FREQUENCY          | 2048±500         | Hz    |
| OPERATING TEMPERATURE       | -20 ~ +70        | °C    |
| STORAGE TEMPERATURE         | -30 ~ +80        | °C    |
| HOUSING MATERIAL            | NORYL            | -     |
| TERMINAL MATERIAL           | Sn PLATED COPPER | -     |
| WEIGHT                      | 5                | grams |

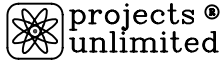
| REVISIONS |                           |         |          |
|-----------|---------------------------|---------|----------|
| LTR       | DESCRIPTION               | DATE    | APPROVED |
| -         | RELEASED FROM ENGINEERING | 3/22/06 |          |



**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  
AT-1620-TWT-2-R.DWG

| UNLESS OTHERWISE SPECIFIED:<br>DIMENSIONS ARE IN MILLIMETERS, TOLERANCES ARE $\pm 0.5$ AND ANGLES ARE $\pm 3^\circ$ .  |                                |  projects® unlimited<br>Dayton, Ohio |              |                 |      |                   |      |                    |      |                           |  |
|--|--------------------------------|---|--------------|-----------------|------|-------------------|------|--------------------|------|---------------------------|--|
| <table border="1"> <tr> <th>APPROVALS</th> <th>DATE</th> </tr> <tr> <td>DRAWN <i>TG</i></td> <td>3/06</td> </tr> <tr> <td>CHECKED <i>BR</i></td> <td>3/06</td> </tr> <tr> <td>APPROVED <i>EP</i></td> <td>3/06</td> </tr> </table> |                                | APPROVALS   | DATE         | DRAWN <i>TG</i> | 3/06 | CHECKED <i>BR</i> | 3/06 | APPROVED <i>EP</i> | 3/06 | TRANSDUCER (ELECTRO-MECH) |  |
| APPROVALS  | DATE                           |   |              |                 |      |                   |      |                    |      |                           |  |
| DRAWN <i>TG</i>  | 3/06                           |   |              |                 |      |                   |      |                    |      |                           |  |
| CHECKED <i>BR</i>  | 3/06                           |   |              |                 |      |                   |      |                    |      |                           |  |
| APPROVED <i>EP</i>   | 3/06                           |   |              |                 |      |                   |      |                    |      |                           |  |
| SIZE<br>A  | DRAWING NO.<br>AT-1620-TWT-2-R |   |              |                 |      |                   |      |                    |      |                           |  |
| DO NOT SCALE DRAWING   |                                | SCALE: N.T.S.   | SHEET 1 OF 1 |                 |      |                   |      |                    |      |                           |  |