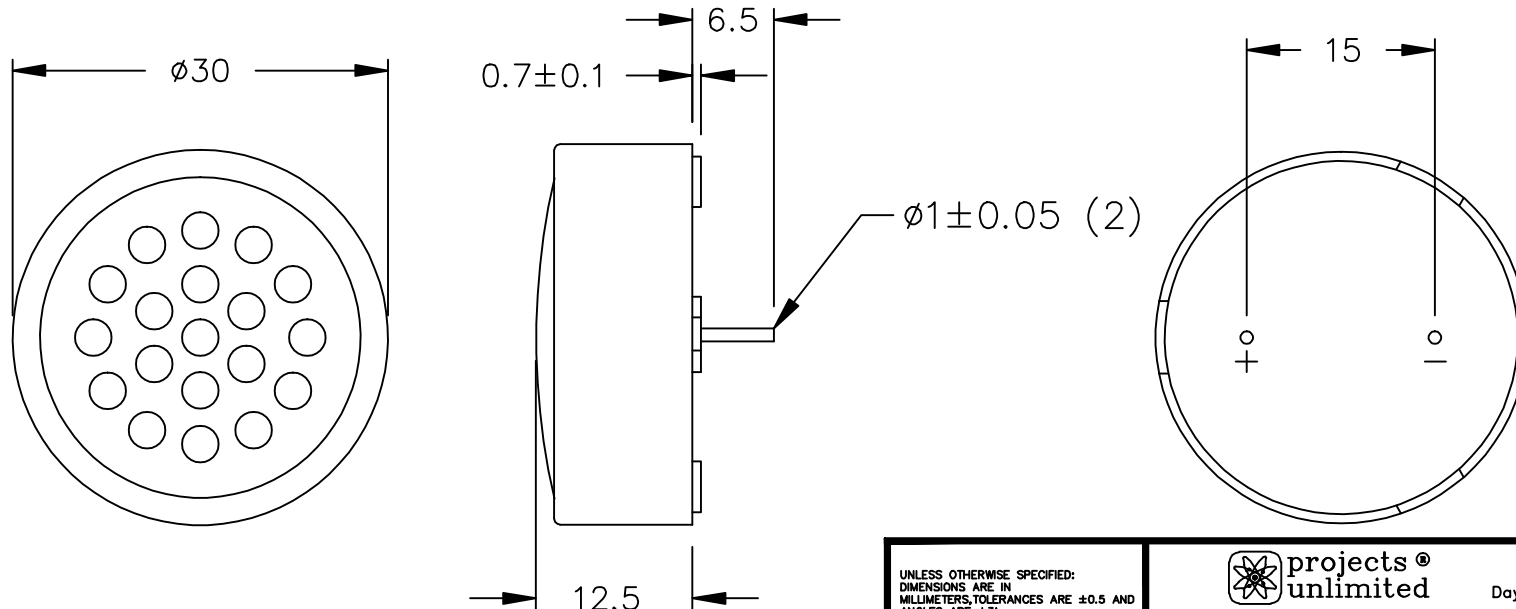


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### SPECIFICATIONS

| PARAMETERS  | VALUES       | UNITS |
|---|--------------|-------|
| RATED INPUT POWER                                     | 0.1          | W     |
| MAX INPUT POWER                                       | 0.2          | W     |
| IMPEDANCE   | 32±20%       | OHM   |
| OUTPUT SPL @ 0.1W/0.1M<br>(AT 2.0, 2.5, 3.0, 4.0 kHz) | 81±3         | dB    |
| DISTORTION (MAX.)                                     | 5%           | -     |
| RESONANT FREQUENCY                                    | 1200±20%     | Hz    |
| FREQUENCY RANGE                                       | 1200 ~ 20000 | Hz    |
| HOUSING MATERIAL                                      | PBT          | -     |
| CONE MATERIAL   | MYLAR        | -     |
| MAGNET MATERIAL                                       | Nd-Fe-B      | -     |
| OPERATING TEMPERATURE                                 | -20 ~ +55    | °C    |
| WEIGHT  | 8.5          | grams |

| REVISIONS |                           |         |          |
|-----------|---------------------------|---------|----------|
| LTR       | DESCRIPTION               | DATE    | APPROVED |
| -         | RELEASED FROM ENGINEERING | 5/17/06 |          |
| A         | REVISED PART DIMENSIONS   | 3/19/07 | D.F.     |




#### 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  
AST-03032MR-R.DWG

UNLESS OTHERWISE SPECIFIED:  
DIMENSIONS ARE IN MILLIMETERS, TOLERANCES ARE  $\pm 0.5$  AND ANGLES ARE  $\pm 3^\circ$ .

| APPROVALS            | DATE |
|----------------------|------|
| DRAWN <i>J.D.</i>    | 5/06 |
| CHECKED <i>E.P.</i>  | 5/06 |
| APPROVED <i>B.R.</i> | 5/06 |


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 Dayton, Ohio

## SPEAKER

DRAWING NO. AST-03032MR-R

SIZE **A**      DO NOT SCALE DRAWING      SCALE: N.T.S.      SHEET 1 OF 1