

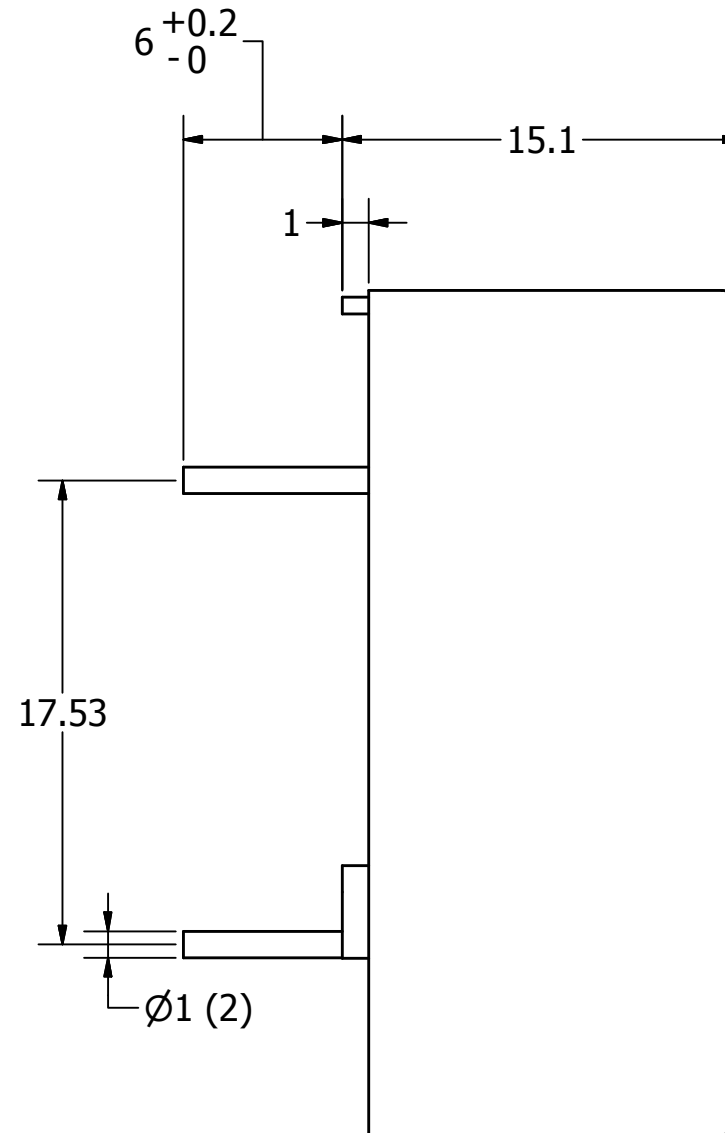
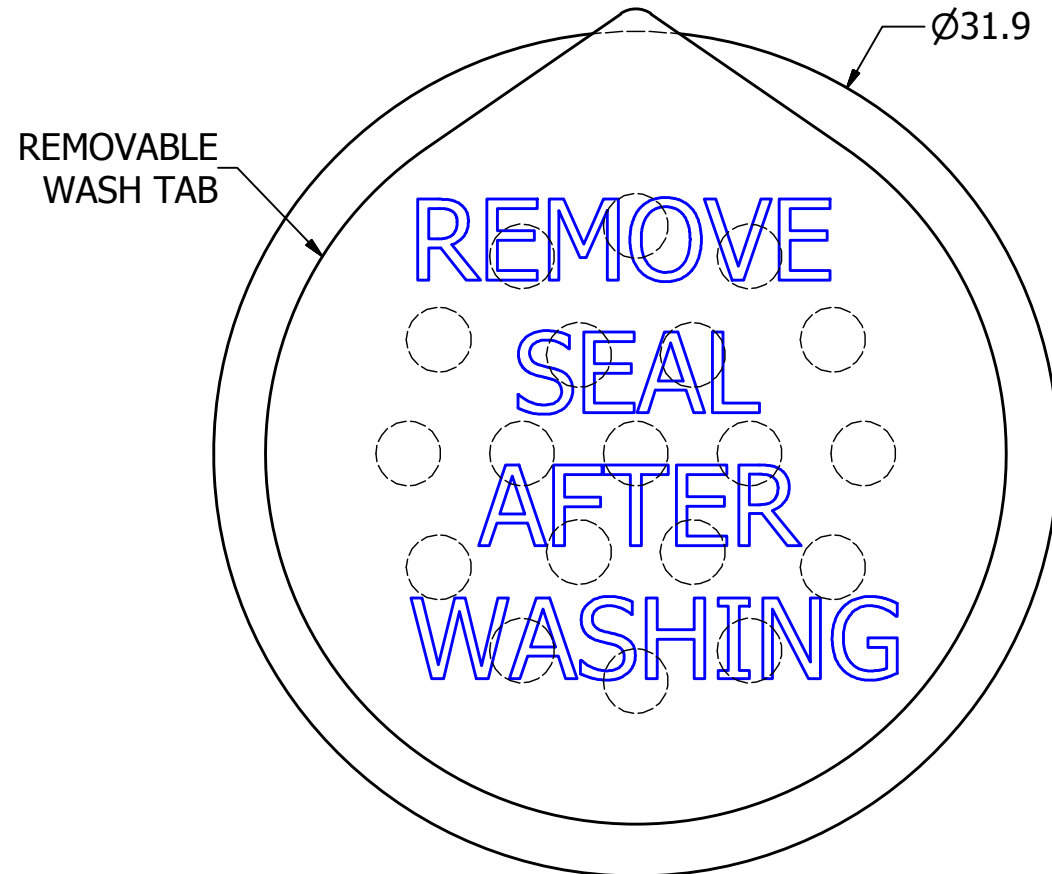
SPECIFICATIONS

| PARAMETERS | VALUES | UNITS |
|---|--------------|-------|
| RATED INPUT POWER | 0.1 | W |
| MAX INPUT POWER | 0.2 | W |
| IMPEDANCE | 8 ± 20% | OHM |
| OUTPUT SPL @ 0.1W/0.5M (AT 1.2, 1.4, 1.6, 1.8 kHz) | 82 ± 3 | dB |
| DISTORTION (MAX.) | 5% | - |
| RESONANT FREQUENCY | 1,500 ± 20% | Hz |
| FREQUENCY RANGE | 500 ~ 20,000 | Hz |
| HOUSING MATERIAL | NORYL | - |
| CONE MATERIAL | MYLAR | - |
| MAGNET MATERIAL | NdFeB | - |
| OPERATING TEMPERATURE | -20 ~ +60 | °C |
| WEIGHT | 10 | grams |

THIS DOCUMENT CONTAINS DATA PROPRIETARY TO PROJECTS UNLIMITED, INC. ANY USE OR REPRODUCTION, IN ANY FORM, WITHOUT PRIOR WRITTEN PERMISSION OF PROJECTS UNLIMITED, INC. IS PROHIBITED.
©2003, Projects Unlimited Inc.

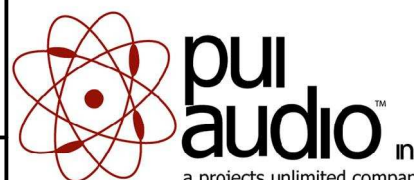
REVISION HISTORY

| LTR | DESCRIPTION | DATE | APPROVED |
|-----|--|------------|----------|
| - | RELEASED FROM ENGINEERING | 7/8/2006 | |
| A | REVISED TO INVENTOR 3-D DRAWING TEMPLATE | 10/27/2008 | B.R. |
| B | ADDED NOTE 4 | 1/5/2011 | B.R. |
| C | REVISED MAGNET MATERIAL | 6/28/2011 | C.W. |



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.
4. HAND SOLDER ONLY.

| | | | | | | | | |
|--|-------------------|---|----------|---------------------------------|----------|-------------|----------|------------|
| UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS, TOLERANCES ARE ±0.5 AND ANGLES ARE ±3°. | SIZE A3 | Designed by | Date | Checked by | Date | Approved by | Date | Drawn Date |
| | | B.R. | 4/7/2006 | B.R. | 4/7/2006 | E.P. | 4/7/2006 | 10/27/2008 |
| AST-03208MR-R.idw | |  | | AST-03208MR-R Speaker | | | Edition | Sheet |
| | | | | | | | - | 1 / 1 |