

Technical drawing of a 100W speaker. The drawing shows a side profile of the speaker with the following dimensions:

- Top width:  $17 \pm 0.5$
- Top mounting hole offset:  $2.7 \pm 0.3$
- Driver diameter:  $\varnothing 50 \pm 0.3$
- Mounting hole diameter:  $\varnothing 32 \pm 0.8$

| Specifications                                                                      |             |       | Notes                                                                                | Revision History |                           |  |            |          |  |  |
|-------------------------------------------------------------------------------------|-------------|-------|--------------------------------------------------------------------------------------|------------------|---------------------------|--|------------|----------|--|--|
| Description                                                                         | Value       | Unit  |                                                                                      | Version          | Description               |  | Date       | Approved |  |  |
| Shape                                                                               | Round       |       | 1) All dimensions are in mm unless otherwise noted<br>2) All parts meet RoHS         | 1                | Released from Engineering |  | 2/5/2014   | J.S.     |  |  |
| Resonant Frequency                                                                  | 450         | (Hz)  |                                                                                      |                  |                           |  |            |          |  |  |
| Frequency Range                                                                     | 450 ~ 4,000 | (Hz)  |                                                                                      |                  |                           |  |            |          |  |  |
| SPL @ 10cm                                                                          | 93          | (dBA) |                                                                                      |                  |                           |  |            |          |  |  |
| Impedance                                                                           | 8           | (Ohm) |                                                                                      |                  |                           |  |            |          |  |  |
| Cone Material                                                                       | Paper       |       |                                                                                      |                  |                           |  |            |          |  |  |
| Nominal Power                                                                       | 0.25        | (W)   |                                                                                      |                  |                           |  |            |          |  |  |
| Max Power                                                                           | 0.5         | (W)   |                                                                                      |                  |                           |  |            |          |  |  |
| Mount Type                                                                          | Flush Mount |       |                                                                                      |                  |                           |  |            |          |  |  |
| Operating Temperature                                                               | -20 ~ +60   | °C    |                                                                                      |                  |                           |  |            |          |  |  |
| Storage Temperature                                                                 | -30 ~ +70   | °C    |                                                                                      |                  |                           |  |            |          |  |  |
| Weight                                                                              | 50          | (g)   |                                                                                      |                  |                           |  |            |          |  |  |
|  |             |       |  |                  | Dynamic Speaker           |  | SP500408-2 |          |  |  |
|                                                                                     |             |       |                                                                                      |                  |                           |  |            |          |  |  |