

Technical drawing of a square plate with a central hole. The plate has a square shape with rounded corners and a central circular hole. A dimension line indicates the diameter of the hole is  $\varnothing 5.0$ . A circular feature with a crosshair is located in the bottom-left corner of the plate.

Diagram of a vertical assembly. A horizontal dimension line at the top indicates a width of 4.0. A smaller horizontal dimension line indicates a width of 1.0. A label "Plate with gold" points to a shaded rectangular area within the assembly. A red dashed horizontal line is drawn across the middle of the assembly.

Technical drawing of a square flange with a central circular hole. The drawing includes dimensions: overall width 15.0, overall height 15.0, central hole diameter 10.0, flange thickness 1.7, and mounting hole diameter 0.8. The central hole is marked with "LF XX X". The flange has four mounting holes, two of which are labeled "Lead". A date code marking "13,D" is shown with a legend: Year 10=2013, Month D=Apr.

| Specifications        |               |       | Notes                                                                               | Revision History |                           |                   |             |                    |             |
|-----------------------|---------------|-------|-------------------------------------------------------------------------------------|------------------|---------------------------|-------------------|-------------|--------------------|-------------|
| Description           | Value         | Unit  |                                                                                     | Version          | Description               |                   | Date        | Approved           |             |
| Shape                 | Square        |       | 1) All dimensions are in mm unless otherwise noted<br>2) All parts meet RoHS        | 1                | Released from Engineering |                   | 2/6/2014    | J.S                |             |
| Resonant Frequency    | 850           | (Hz)  |                                                                                     |                  |                           |                   |             |                    |             |
| Frequency Range       | 850 ~ 20,000  | (Hz)  |                                                                                     |                  |                           |                   |             |                    |             |
| SPL @ 10cm            | 87            | (dBA) |                                                                                     |                  |                           |                   |             |                    |             |
| Impedance             | 8             | (Ohm) |                                                                                     |                  |                           |                   |             |                    |             |
| Cone Material         | Mylar         |       |                                                                                     |                  |                           |                   |             |                    |             |
| Nominal Power         | 0.5           | (W)   |                                                                                     |                  |                           |                   |             |                    |             |
| Max Power             | 0.8           | (W)   |                                                                                     |                  |                           |                   |             |                    |             |
| Mount Type            | Surface Mount |       |                                                                                     |                  |                           |                   |             |                    |             |
| Operating Temperature | - 30 ~ + 85   | °C    |                                                                                     |                  |                           |                   |             |                    |             |
| Storage Temperature   | - 40 ~ + 85   | °C    |  | <b>Drawn by</b>  | <b>Date</b>               | <b>Checked by</b> | <b>Date</b> | <b>Approved by</b> | <b>Date</b> |
| Weight                | 1.5           | (g)   |                                                                                     | G.W.             | 10/31/2013                | C.E.              | 10/21/2013  | J.S                | 2/6/2014    |
|                       |               |       | <b>Surface Mount Speaker</b>                                                        |                  | <b>SM150808-2</b>         |                   |             |                    |             |

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