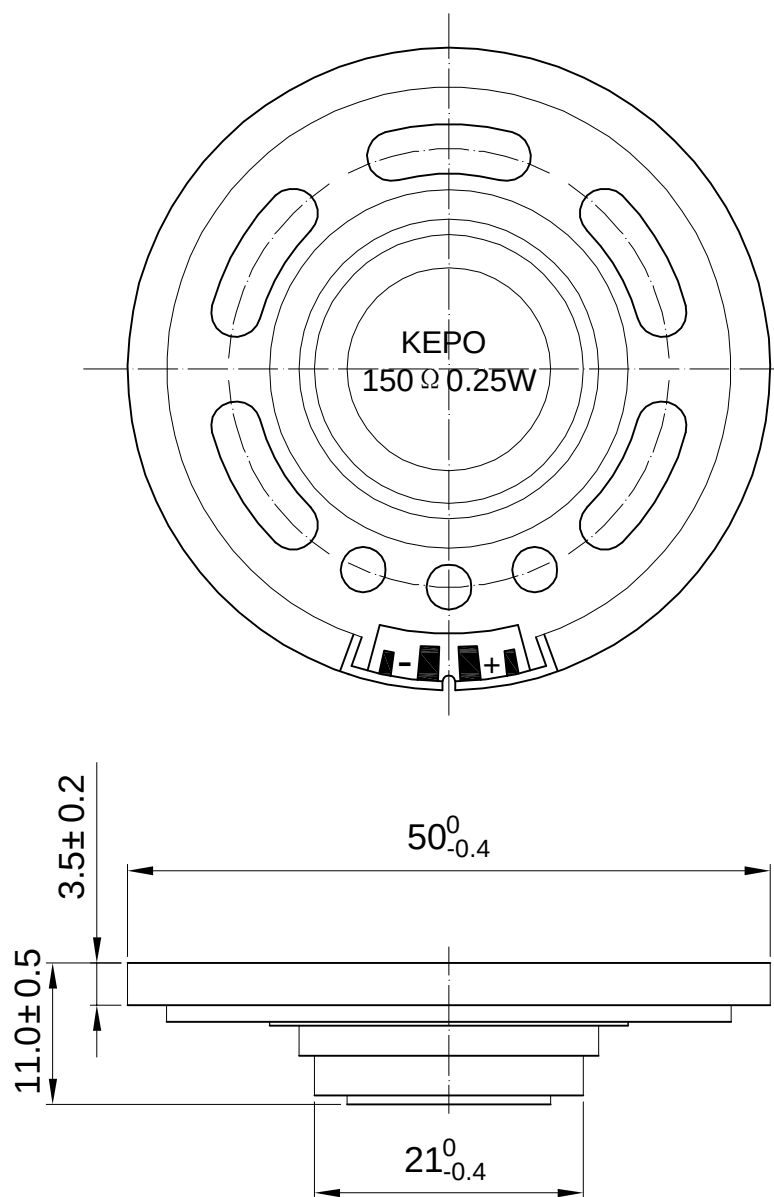


# Speaker Specification

|                      |                                |                       |                                                                                 |          |                                    |     |        |
|----------------------|--------------------------------|-----------------------|---------------------------------------------------------------------------------|----------|------------------------------------|-----|--------|
| Customer's Model No. |                                |                       |                                                                                 | Customer | QUARTZ-1                           |     |        |
| Kepo Model No.       |                                | KPSP50115PF-150/0.25F |                                                                                 | Size     | Φ 50mm                             | No. | J22302 |
| No.                  | Item                           |                       | Specification                                                                   |          | Test Condition                     |     |        |
| 1                    | Impedance                      |                       | 150 Ω ± 15%                                                                     |          | at 800Hz                           |     |        |
| 2                    | Resonant Fr. (f <sub>o</sub> ) |                       | 400Hz± 20%                                                                      |          |                                    |     |        |
| 3                    | Frequency Range                |                       | F0-5.0KHz                                                                       |          |                                    |     |        |
| 4                    | Rated Power                    |                       | 0.25W                                                                           |          |                                    |     |        |
| 5                    | Max Power                      |                       | 0.3W                                                                            |          |                                    |     |        |
| 6                    | S.P.L.                         |                       | 87± 3dB                                                                         |          | 1W / 1M at AVG 0.8 ,1.0,1.2,1.5KHZ |     |        |
| 7                    | Distortion                     |                       | Max 5%                                                                          |          | at rated power 1.0kHz              |     |        |
| 8                    | Sweep Test                     |                       | must be normal                                                                  |          | at sine wave 6.12V                 |     |        |
| 9                    | Load Test                      |                       | after test meet item 8                                                          |          | rated noise power, 24 Hrs.         |     |        |
| 10                   | Heat Test                      |                       | after test meet item 8                                                          |          | 50± 2 °C 5Hrs.                     |     |        |
| 11                   | Cold Test                      |                       | after test meet item 8                                                          |          | -20± 2 °C 5Hrs.                    |     |        |
| 12                   | Humidity Test                  |                       | after test meet item 8                                                          |          | 40± 2 °C ,90/95%R.H. 5Hrs.         |     |        |
| 13                   | Packing                        |                       | 48X31X31cm/14kg /1000pcs EPS packing                                            |          |                                    |     |        |
| 14                   | Polarity Test                  |                       | When supplied plus D.C. voltage to (+) terminal, the cone must move to forward. |          |                                    |     |        |
| 15                   | Note                           |                       |                                                                                 |          |                                    |     |        |

## Dimensions:



FIRST ANGLE PROJECTION

UNIT : mm  
Tolerance :  $\pm 0.2$