



Date: 20 December 2023

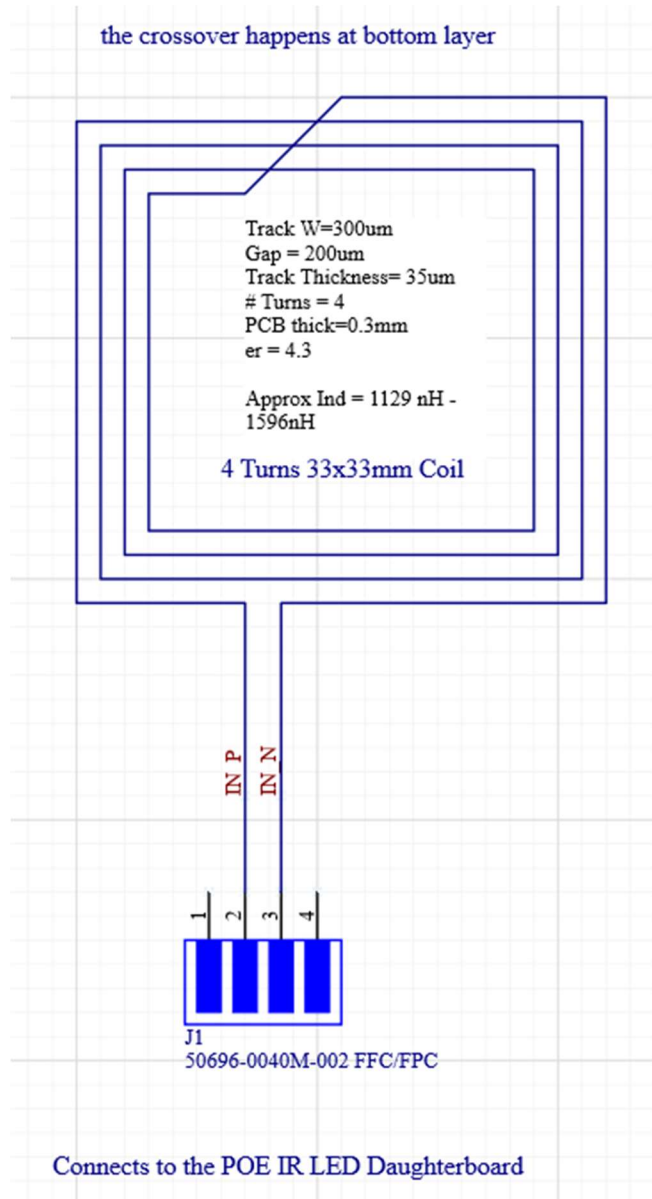
**Nemko North America, Inc.**

**Subject:** **NFC Antenna**  
**Product Name:** PoE Video Doorbell; FCC ID: YL6VDB755P

To whom it may concern:

The ADC-VDB755P uses a custom NFC antenna that has the following characteristics:

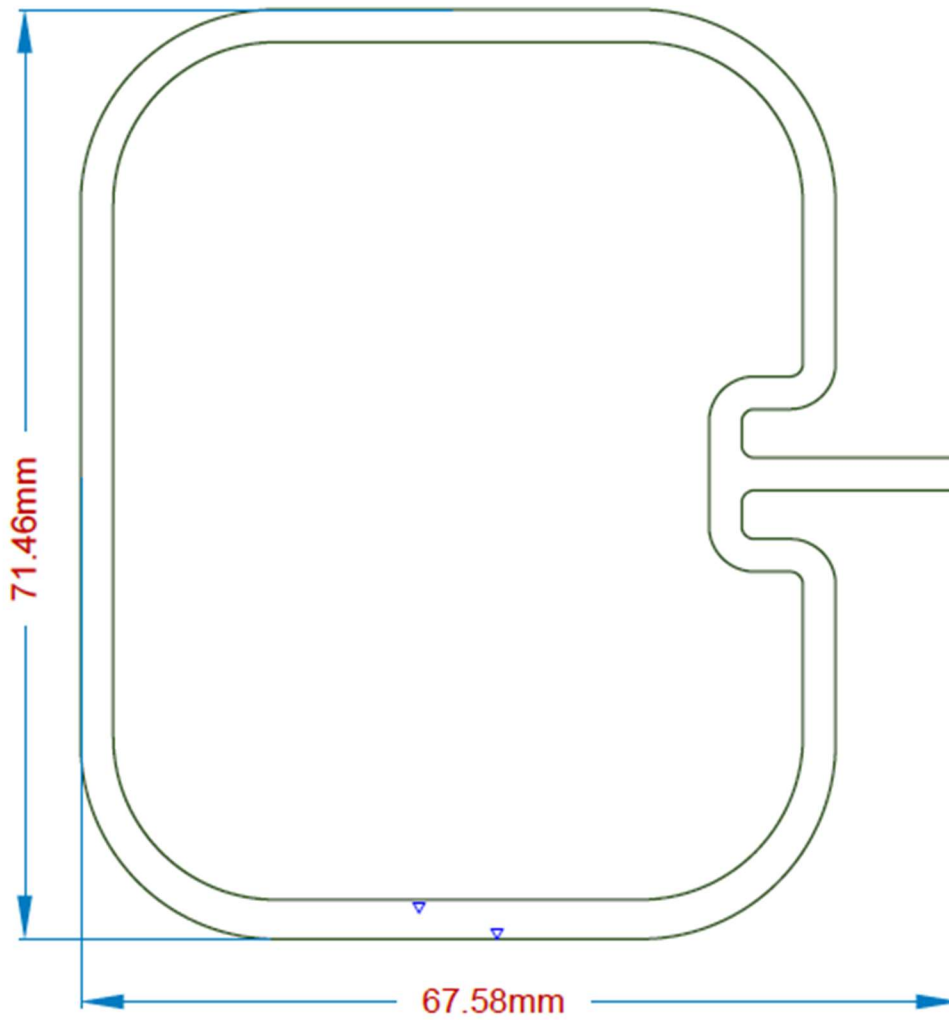
**Antenna Design and Diagram**



The ADC-VDB755P NFC antenna has a design with the above parameters. The parameters are presented in a graphical way, such that the reader can understand a little bit about its geometry when reading about its parameters and characteristics.

## Antenna Dimensions

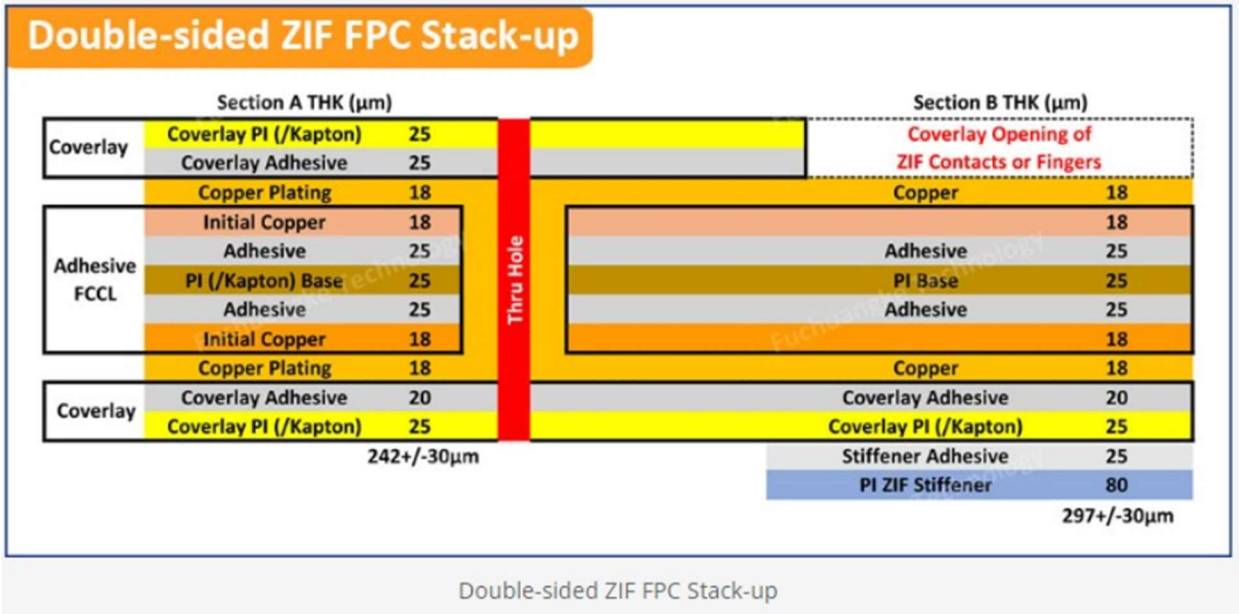
Drill Drawing View (Scale 1:1)



The dimensions of the NFC antenna are as above

**Antenna Material**

The antenna is made with materials outlined below in this stackup:



### Antenna RF performance

The NFC module has an operating frequency of 13.56MHz with an external, custom antenna. The custom antenna gain is 1.5dBi with an operating range of 13.41 to 13.71MHz