

## Datasheet

## NFC Reader

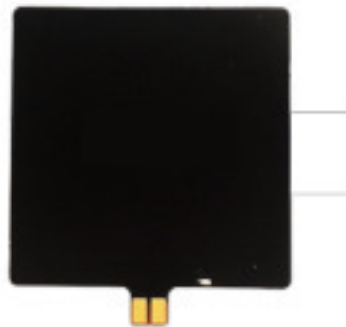
FPC / Embedded

Features

Thin and semi-flexible structure  
Easily assembles to device covers or mechanics  
Well-known pattern design, but with enhanced performance

Applications

Mobile devices  
Payment terminals  
Sharing / pairing



30 x 34 x 0.35 mm

## NFC Antenna



## Electrical Specifications

## Antenna Characteristics (Contains Ferrite)

Frequency (MHz)	13.56*	
Impedance ( $\Omega$ )	20~30*	
Inductance ( $\mu$ H)	1.1**	1.1***
Resistance ( $\Omega$ )	1.3**	1.15***
Self Resonance Frequency (MHz)	107.8**	132.8***
Q-Factor	42.5**	45.8***
Ferrite Permeability ( $\mu$ )	150	

\* With matching network.

\*\* Antenna only

\*\*\* With Component 680p $\pm$ 5% Capacitance