

Datasheet

NFC Reader

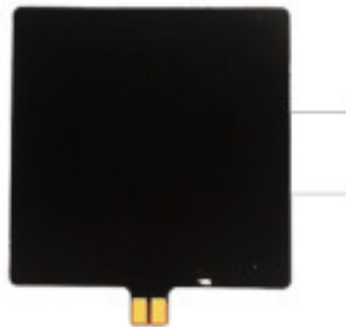
FPC / Embedded

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 (Ω)	20~30*	
Inductance (μ H)	1.1**	1.1***
Resistance (Ω)	1.3**	1.15***
Self Resonance Frequency (MHz)	107.8**	132.8***
Q-Factor	42.5**	45.8***
Ferrite Permeability (μ)	150	

* With matching network.

** Antenna only

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