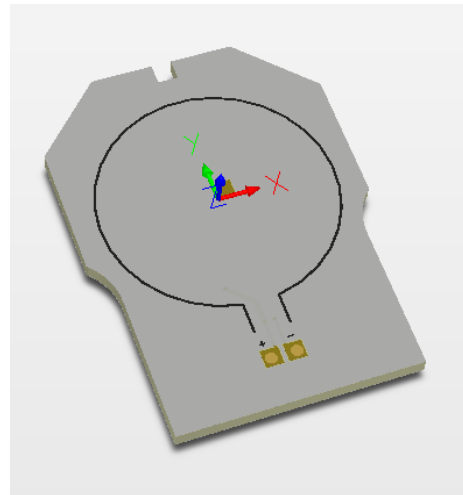


Antenna Datasheet

Description	Circular Near Field Communication Antenna
Part number	NK-E1004
Antenna type	NFC
Connector	N/A



Specification

Antenna Characteristics

Frequency*	13.56 MHz
Inductance**	0.8 μ H
Resistance**	0.82 Ω
Self Resonance Frequency**	152 MHz
Antenna element diameter	23 mm

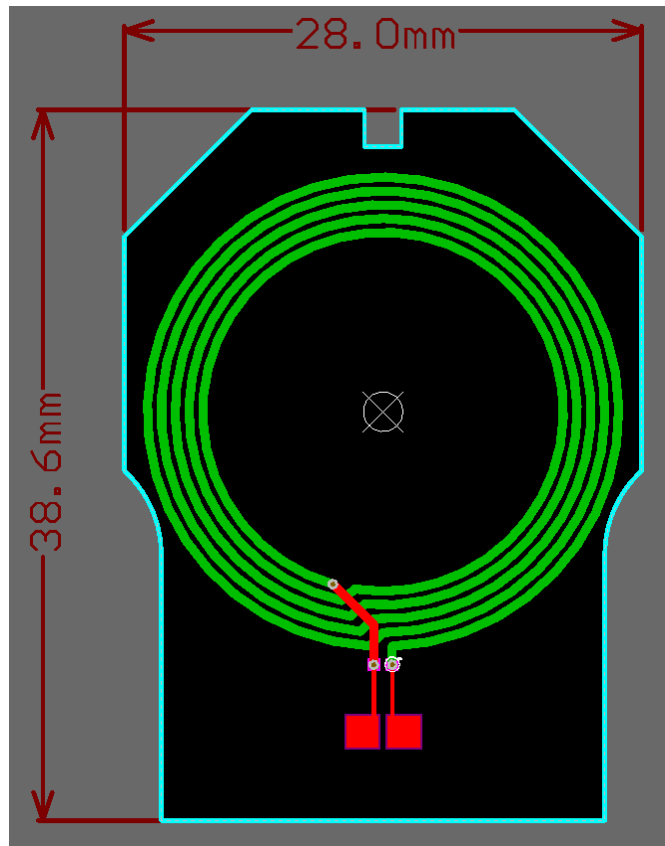
Mechanical

Connector	Conductive pads
Width	28 mm
Length	38.6 mm
Thickness	1.6 mm

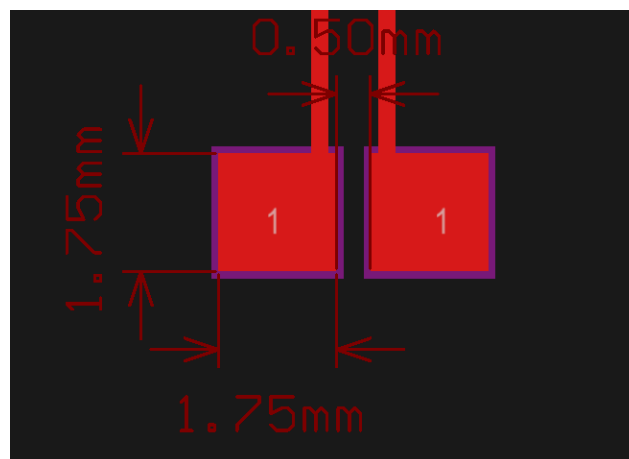
* With matching components

** Bare coil without any matching component.

Mechanical Drawing



Pad detail



Revisions

Rev.	Description	Date	ECN	Approval
A	Initial Release	15/11/2023	NK-E1004-DS	CE