

2JF0155P

NFC Flexible Polymer Adhesive Mount

Key Features

NFC

- 13.56 MHz

Self-Adhesive

Flexible Material

Ground Plane Independent

Dimensions 25 × 25 × 0.2 mm

Customizable Cable and Connector



1. Antenna and electrical specifications

Parameters	13.56 MHz NFC Antenna
Standards	NFC
Band (MHz)	13.56 MHz
Reading Distance (mm)	25
Self-Resonance Freq.	100 MHz
Inductance (μH)	~1.0
Resistance (Ohm)	~1.6
Q Factor	45
Impedance (Ohm)	50 / 75
Matched Q Value	5-25
Connector Type	5037640201
Cable Length	300 mm
Cable Type	AWG28

Antenna Measurement Conditions:

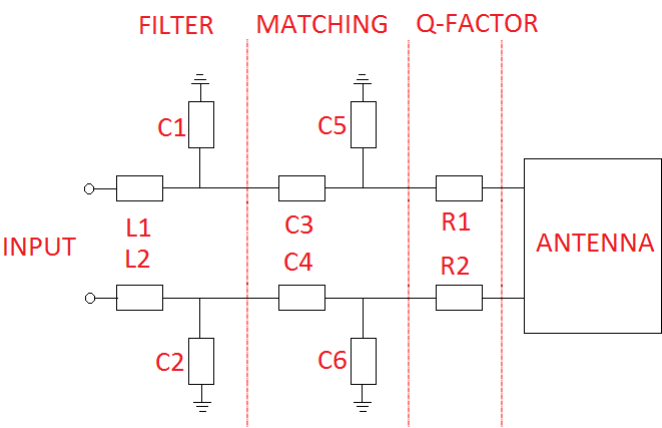
Mounted on 30 x 30 x 0.25 cm ABS Plate

300 mm AWG28 Cable

2. Mechanical and environmental specifications

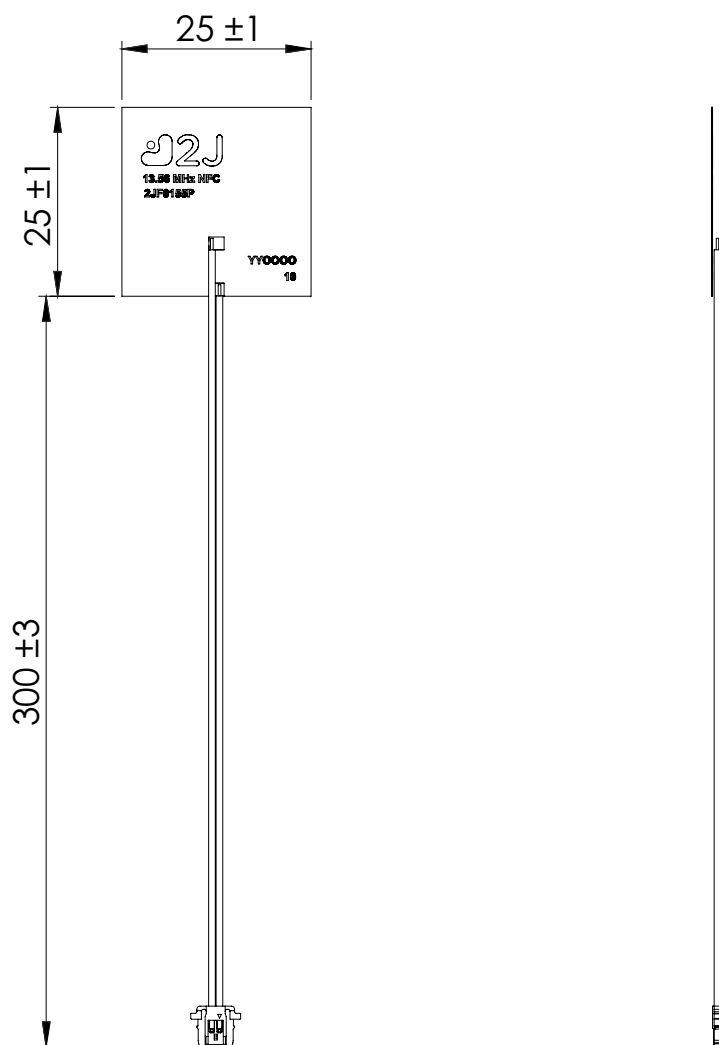
Specifications	2JF0155P
Mounting Type	Self-Adhesive
Dimensions (mm)	25 × 25 × 0.2
Material	Flexible Polymer
Operating Temperature (C)	-40 to +85
Storage Temperature (C)	-40 to +85
Substance Compliance	RoHS

3. Matching parameters



MATCHING NETWORK VALUES		
L1=L2:		560 nH
C1=C2:		180 pF
C3=C4:		35 pF
C5=C6:		280 pF
R1=R2:		0 Ohm

4. Antenna drawings



5. Antenna Images

