

Features

- NFC Antenna (Near Field Communications)
- Stable And Reliable Performance
- 13.56MHz
- Halogen-Free
- RoHS compliance

Applications

- Hand Held Devices with NFC Or RFID Functions
- Data Transfer
- Machine-To-Machine Communication (Short Distance)



Part Numbering Guide

S AT NF 18A11AG5 NF B5

SUNTSU ANTENNA NEAR FIELD PACKAGE SIZE* APPLICATION FREQUENCY

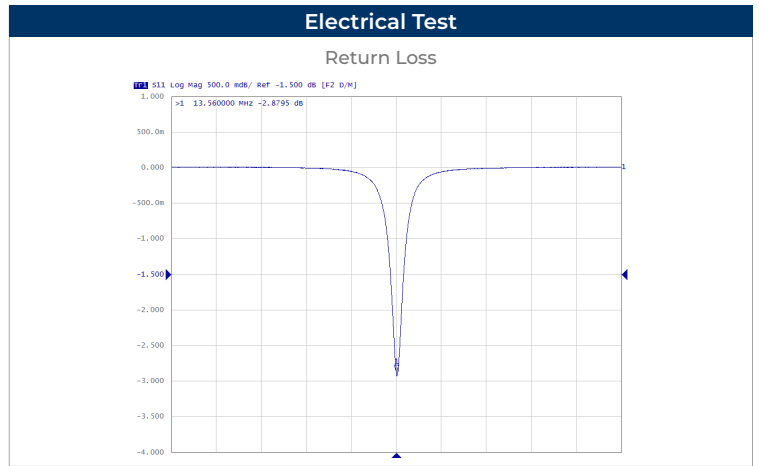
18A11AG5 = 18.0mm x 11.0mm x 0.65mm NF = NFC B1 = 13.56MHz

* Where letters denote decimal location (A=.0, B=.1, C=.2, etc.); e.g. B5=0.15, 3A5=3.05, 9A=9.0

Electrical Parameters	Units	Minimum	Typical	Maximum	Remarks
Frequency Band	MHz		13.56		
Impedance	Ω		50		
Q-Factor			20		
Operating Temperature	$^{\circ}\text{C}$	-40		85	

Outline Drawing

All dimensions are in millimeters (mm) unless otherwise noted.
Drawings are not to scale.



PIN Assignments

Pin #	Symbol	Description
1	GND	Ground
2	FD	RF Field Detect Connection