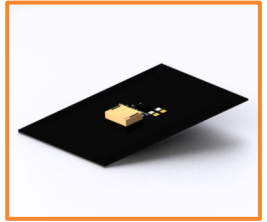
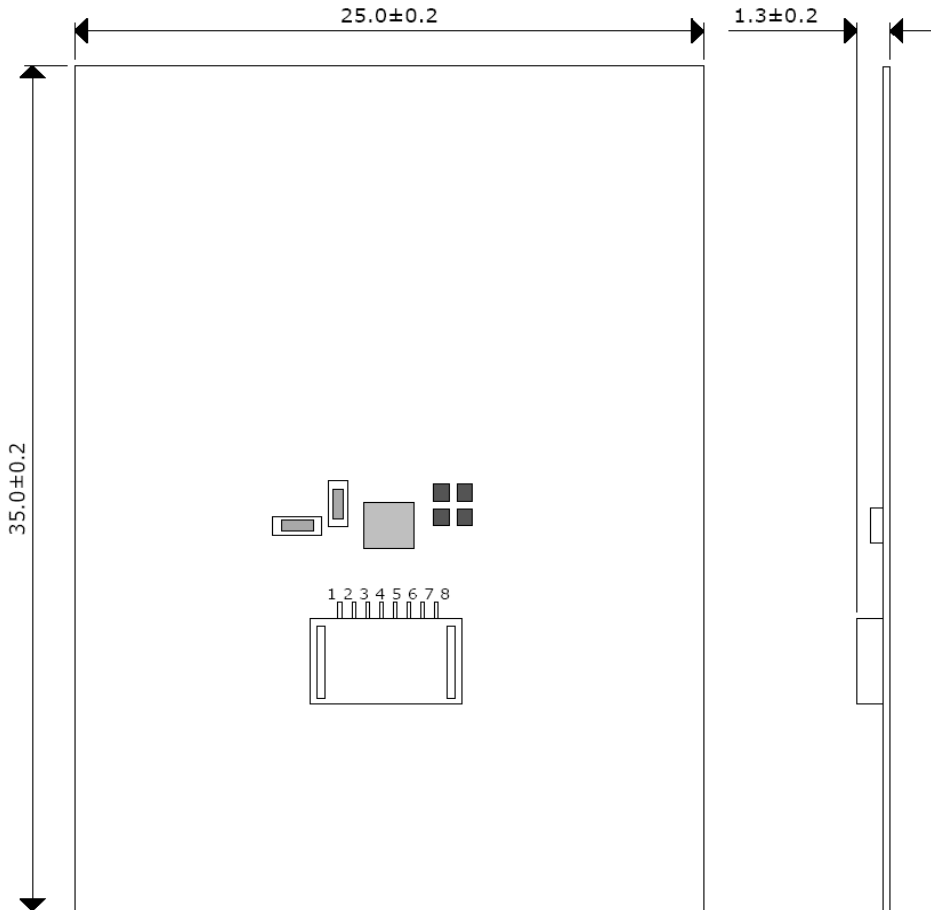


FEATURES	APPLICATIONS
<ul style="list-style-type: none"> <li>- NFC Antenna (Near Field Communications)</li> <li>- Stable And Reliable Performance</li> <li>- 13.56MHz</li> <li>- Halogen-Free</li> <li>- RoHS compliance</li> </ul>	<ul style="list-style-type: none"> <li>- Hand Held Devices When NFC Or RFID Functions Are Needed</li> <li>- Data Transfer</li> <li>- Machine To Machine Communication (Short Distance)</li> </ul>



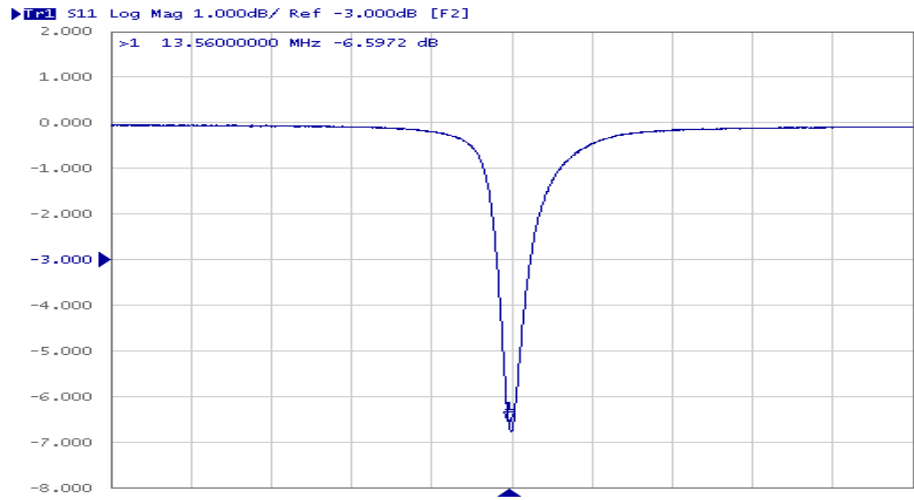
PART NUMBERING GUIDE	
<p>SUNTSU → <u>S</u> <u>AT</u> <u>NF</u> - <u>35A25A1D</u> - <u>NF</u> <u>B1</u></p> <p>ANTENNA → <u>AT</u></p> <p>NEAR FIELD → <u>NF</u></p>	<p><b>FREQUENCY BAND (MHz)</b> B1: 13.56MHz</p> <p><b>APPLICATION</b> NF: NFC</p> <p><b>* PACKAGE SIZE</b> 35A25A1D: 35.0mm x 25.0mm x 1.3mm</p>
<p>* Where letters denote decimal location A=.0, B=.1, C=.2, etc. Ex: B5=0.15, 3A5=3.05, 9A=9.0 To customize your parameters, contact a Suntsu representative.</p>	

ELECTRICAL PARAMETERS	UNITS	MIN.	TYP.	MAX	REMARKS
Frequency Band	MHz		13.56		
Impedance	Ω		50		
Q-Factor			30		
Operating Temperature	°C	-40		85	

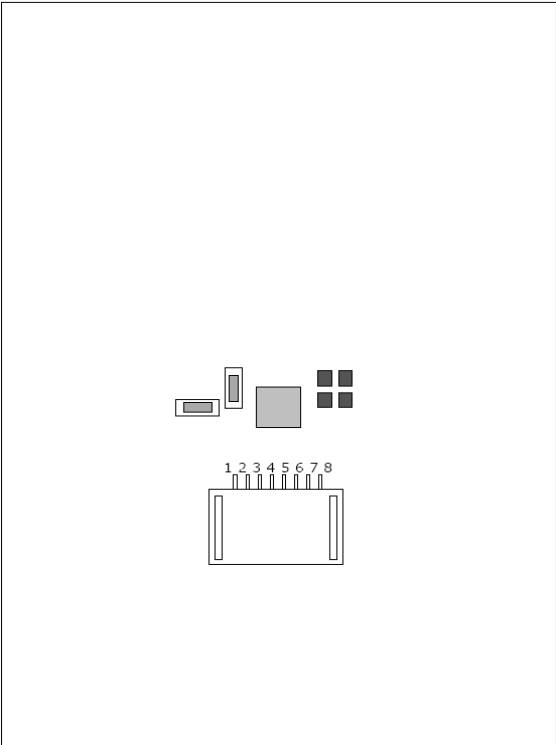
OUTLINE DRAWING (NOTE: All dimensions are in millimeters [mm], unless otherwise noted. Drawings are not to scale.)	
	

**ELECTRICAL TEST**

**Return Loss**



**Pin Assignments**



Pin Number	Symbol	Description
1	GND	Ground
2	GND	Ground
3	SCL	I <sup>2</sup> C Interface for Tag
4	FD	RF Field Detect Connection
5	SDA	I <sup>2</sup> C Interface for Tag
6	Vcc	Supply Voltage
7	Vcc	Supply Voltage
8	Vout	Output Voltage