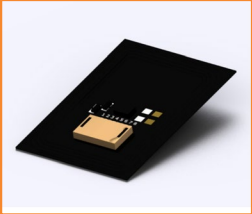
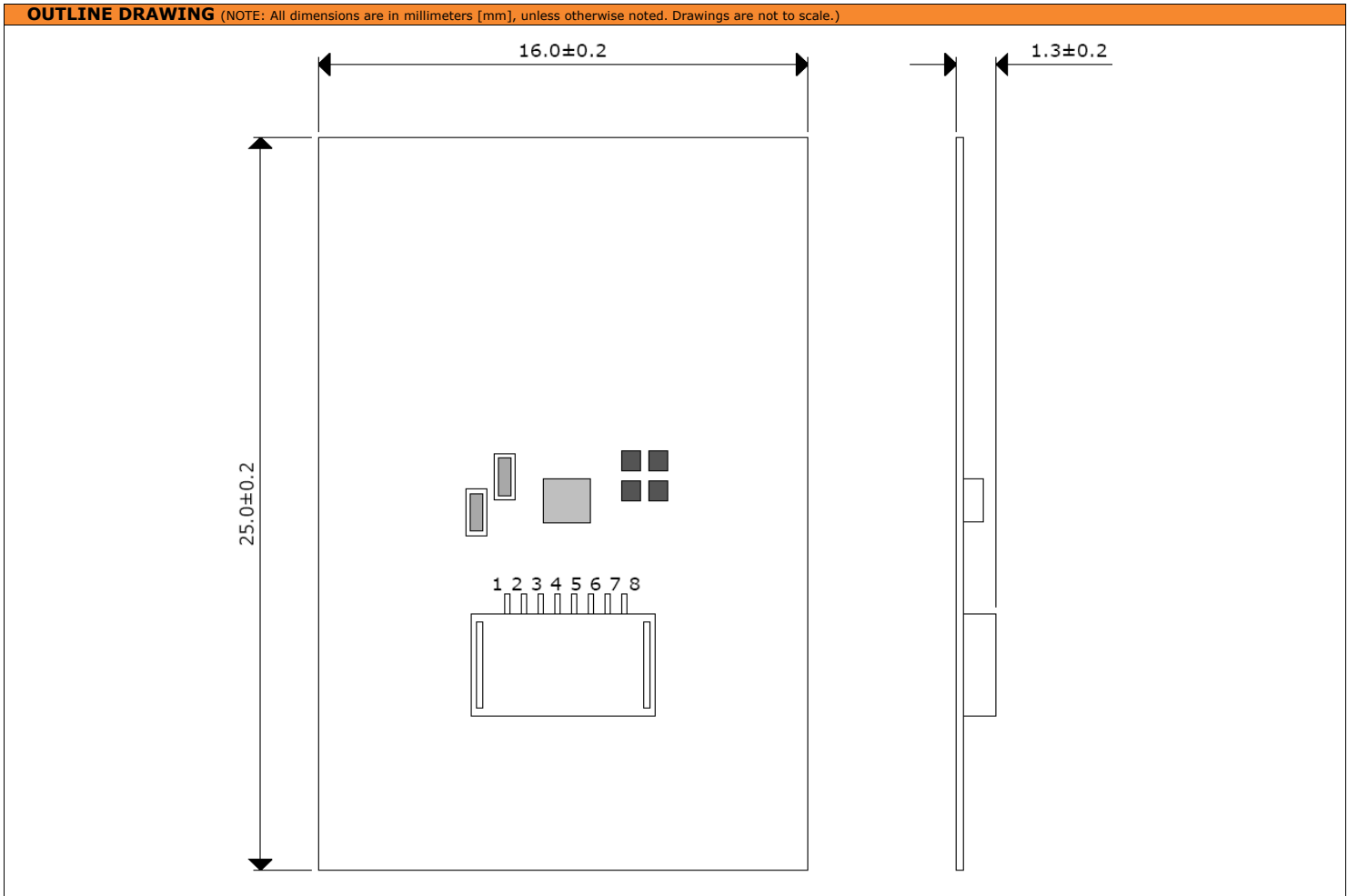


FEATURES	APPLICATIONS	
<ul style="list-style-type: none"> - NFC Antenna (Near Field Communications) - Stable And Reliable Performance - 13.56MHz - Halogen-Free - RoHS compliance 	<ul style="list-style-type: none"> - Hand Held Devices When NFC Or RFID Functions Are Needed - Data Transfer - Machine To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

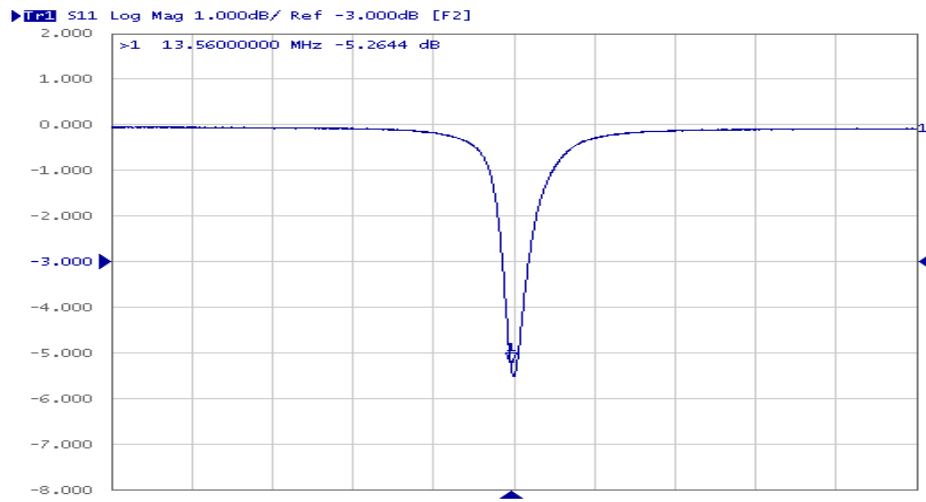
PART NUMBERING GUIDE	
<p>SUNTSU → S AT NF - 25A16A1D - NF B1 ←</p> <p>ANTENNA → S AT NF</p> <p>NEAR FIELD → NF</p>	<p>FREQUENCY BAND (MHz) B1: 13.56MHz</p> <p>APPLICATION NF: NFC</p> <p>* PACKAGE SIZE 25A16A1D: 25.0mm x 16.0mm x 1.3mm</p>
<p>* Where letters denote decimal location A=.0, B=.1, C=.2, etc. 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	

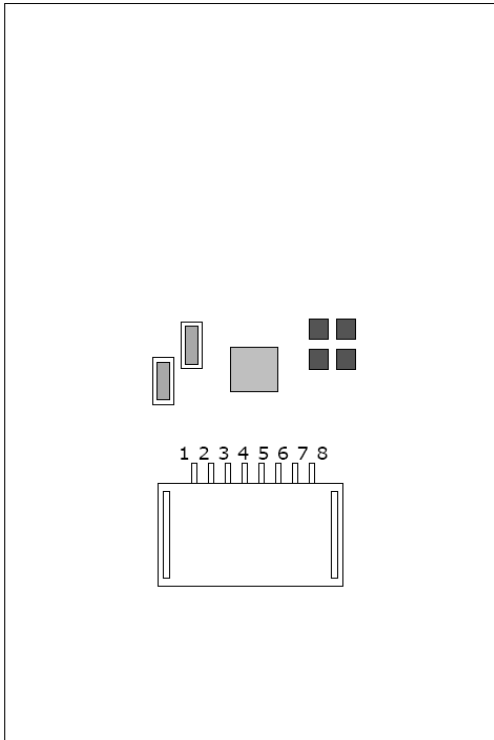


ELECTRICAL TEST

Return Loss



Pin Assignments



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