

## ASK Transmitter Module

### General Description:

### 315/434 MHz ASK TRANSMITTER

The JMR-TX6 is an ASK Hybrid transmitter module.

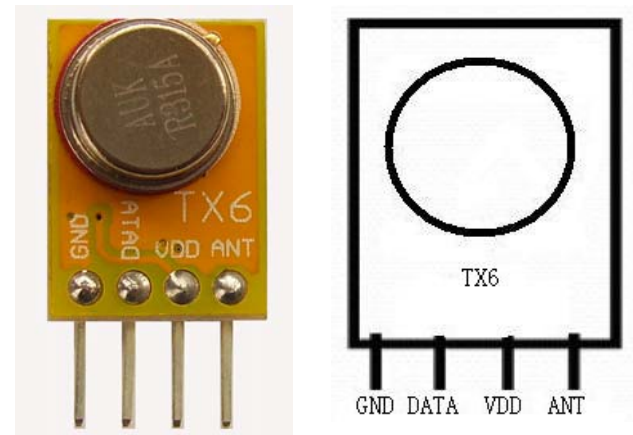
JMR-TX6 is designed by the Saw Resonator, with an effective low cost, small size, and simple-to-use for designing.

Frequency Range:315 / 433.92 MHZ.

Supply Voltage: 3~12V.

Output Power : 4~16dBm

Circuit Shape: Saw



### Applications

- ⌚ Car security system
- ⌚ Remote keyless entry
- ⌚ Garage door controller
- ⌚ Home security
- ⌚ Wireless mouse
- ⌚ Automation system

### Product Identification

315MHZ	JMR-TX6-315M
433.92MHZ	JMR-TX6-433M

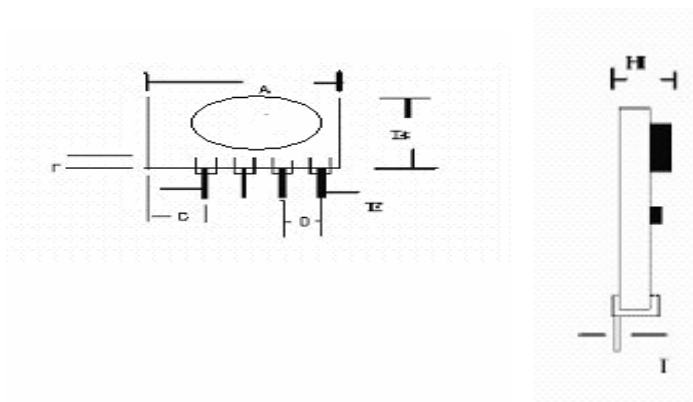
### Absolute Maximum Ratings

Parameter	Rating	Rating
Supply Voltage	2.2—12.0	V DC
Operating Temperature	-20 to +85	°C

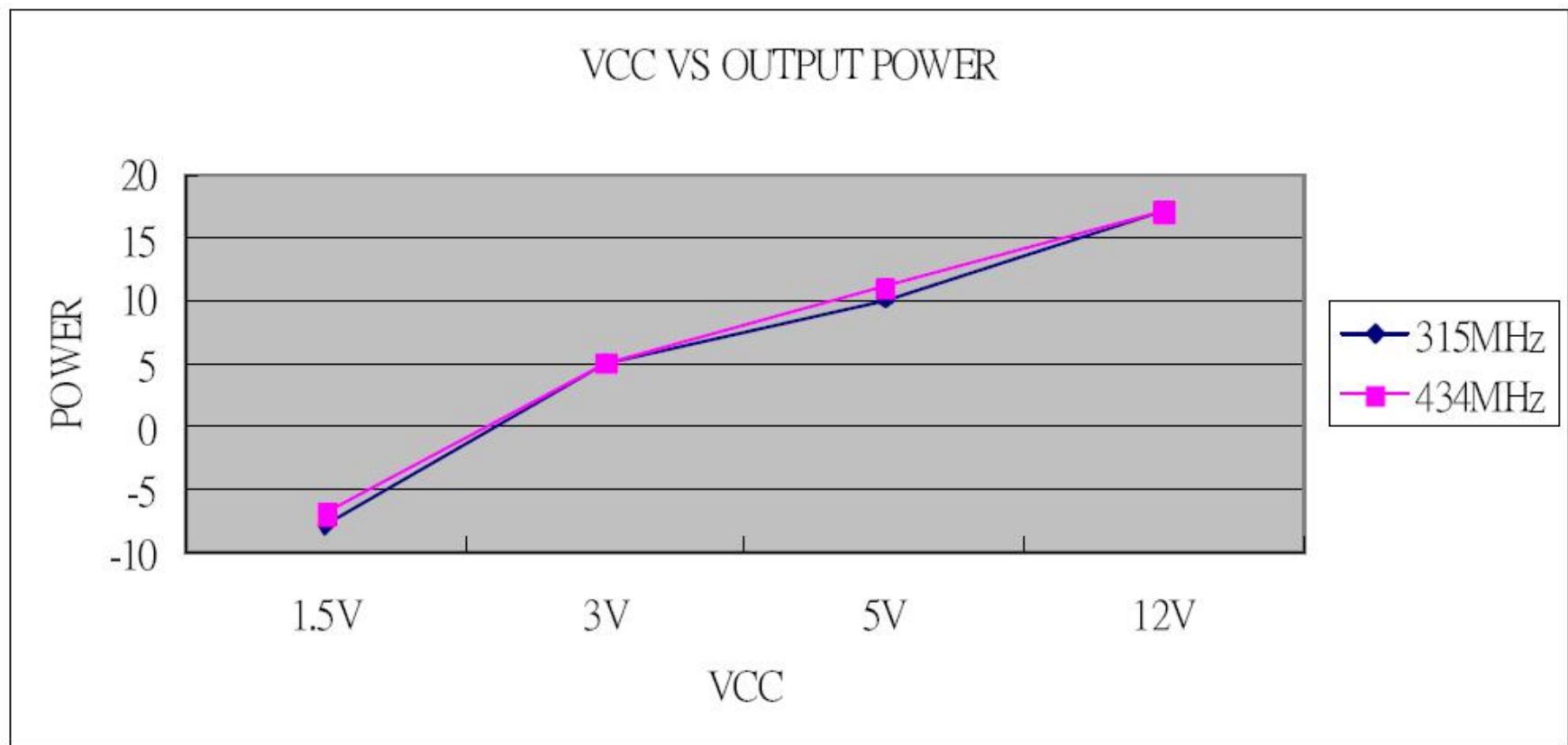
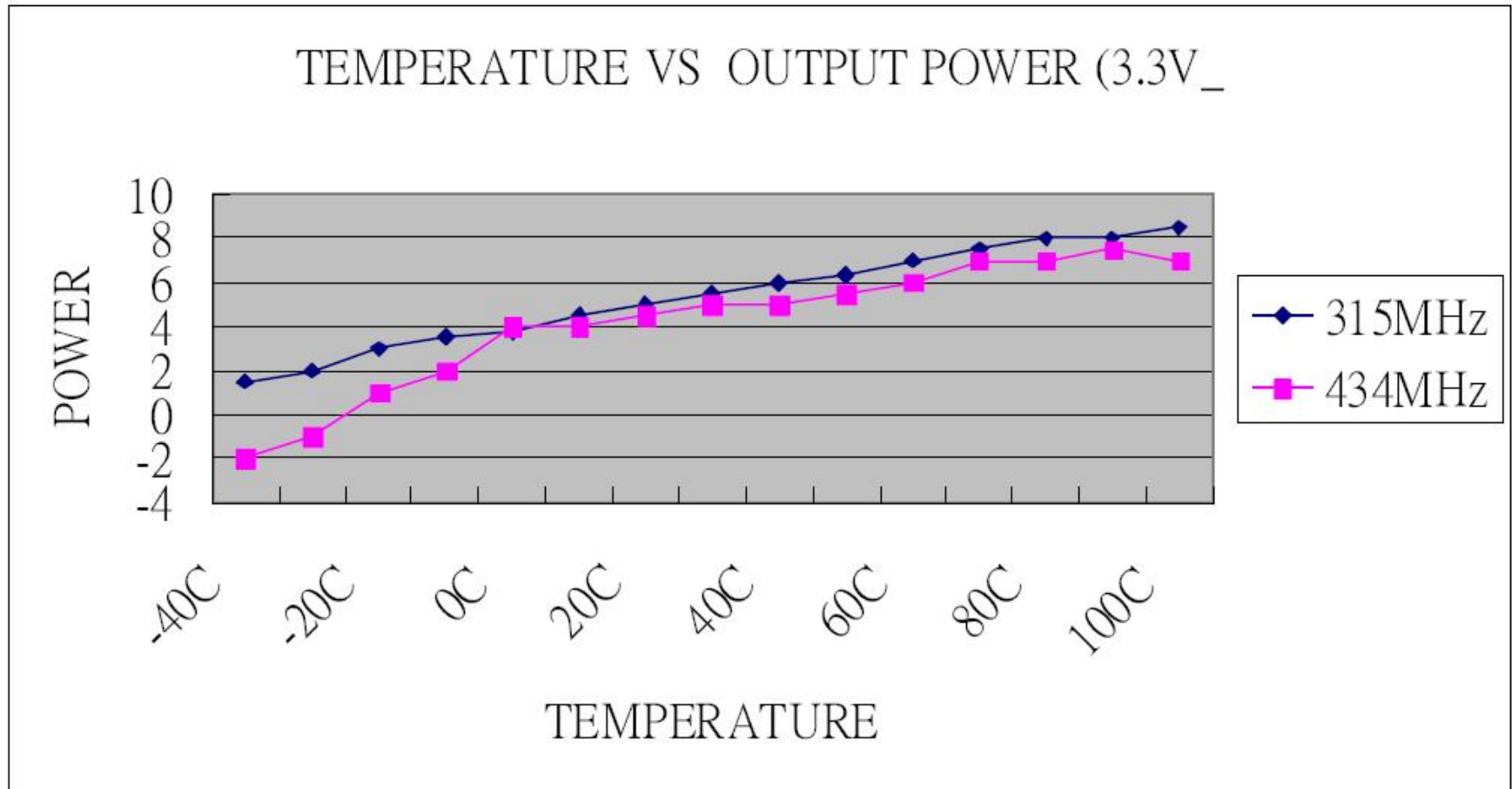
### Absolute Maximum Ratings

Parameter	Symbol	Condition	Specification			Unit	
			Min.	Typical	Max.		
Operation Voltage				3V 5V 12V		V	
Output power	Psens	DATA 5V 315MHz	Supply current	11	20	57	mA
			1Kbps Data Rate 434MHz	4	10	16	dBm
		1Kbps Data Rate	Supply current	11	22	59	mA
Tune on Time	Ton	Data start out by Vcc turn on	10	20		ms	
Data Rate			200	1k	3k	bps	
Input duty		Vcc=5V; 1kbps data rate	40		60	%	
Temperature			-20		+80	°C	

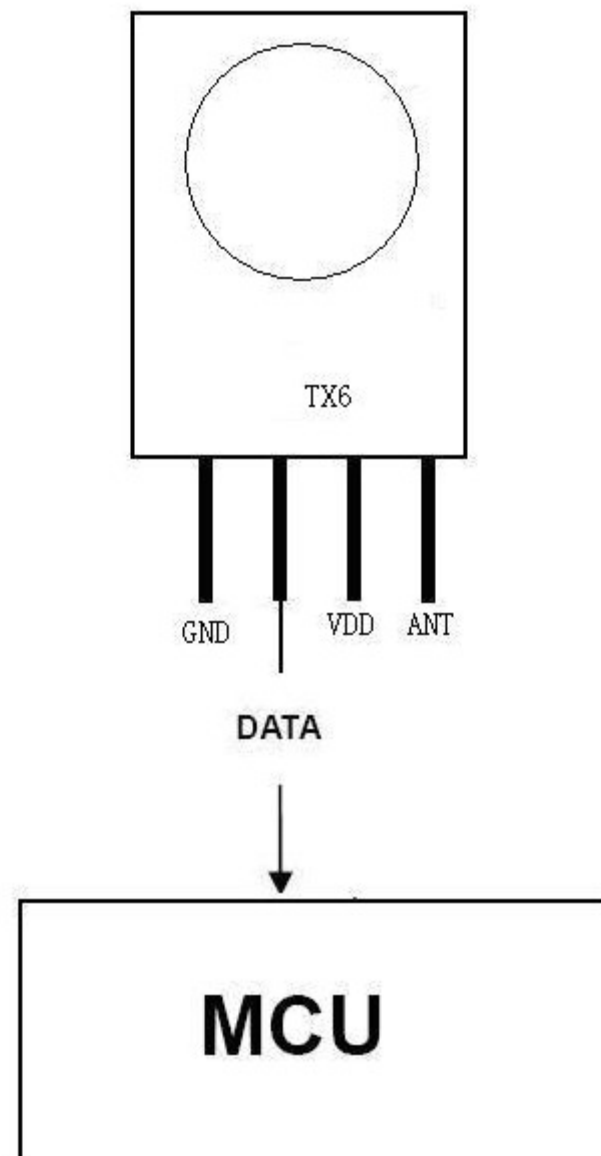
### Pin Dimension



Dimensions	Millimeters	Dimensions	Millimeters
<b>A</b>	<b>11+0.25mm</b>	<b>F</b>	<b>2+0.15mm</b>
<b>B</b>	<b>16+0.25mm</b>	<b>G</b>	<b>3+0.15mm</b>
<b>C</b>	<b>12+0.30mm</b>	<b>H</b>	<b>5.5mm</b>
<b>D</b>	<b>2.54+0.05mm</b>	<b>I</b>	<b>0.7+0.05mm</b>



**Typical Application:**



**Mark: .**

Antenna length about :23cm for 315MHz

17cm for 434mHz