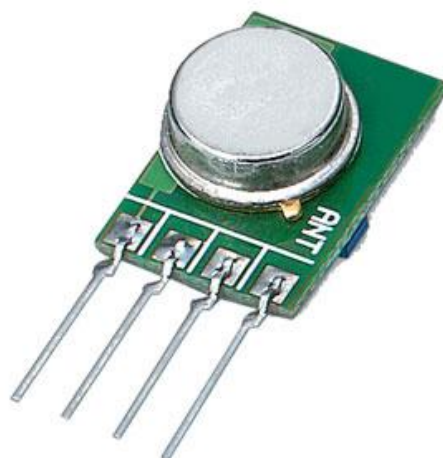


# TWS-BS Series

WENSHING®

V1.01

## Wireless Transmitter Module Series (RF ASK)



### ➤ **Model : TWS-BS-3(433.92MHz)**

\*Frequency Range: 433.92MHz

\*Modulate Mode: ASK

\*Circuit Shape: SAW

\*Data Rate: 8Kbps

\*Supply Voltage: 3~12V

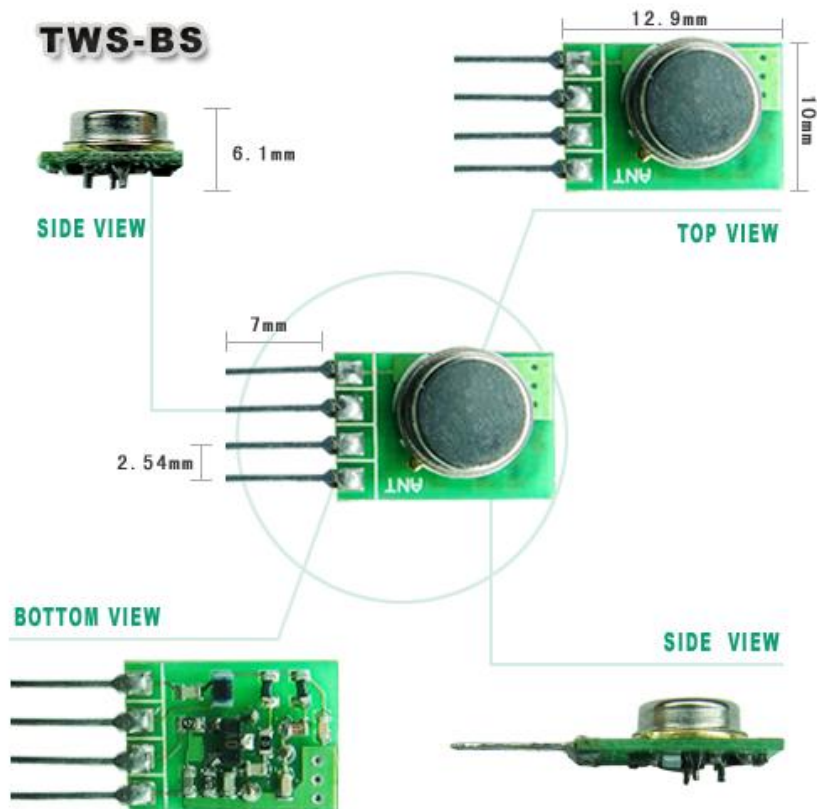
### ➤ **Absolute Maximum Ratings:**

Rating	Value	Unit
Power Supply and All Input/Output Pins	-0.3 to +12.0	V
Non-Operating Case Temperature	-20 to +85	Celsius
Soldering Temperature(10 seconds)	230	Celsius

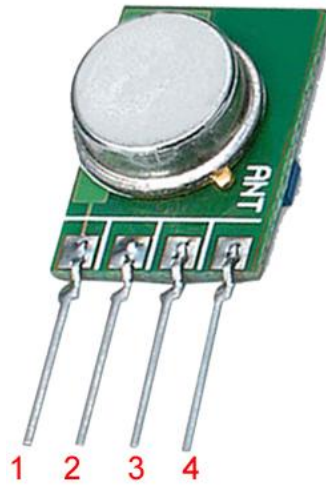
➤ **Electrical Characteristics, T=25°C , Vcc=3.6V, Fre=433.92MHz:**

Characteristic	Sym	Min	Typ	Max	Unit
Operating Frequency ( $\pm 300\text{KHz}$ )	VCC		433.92		MHz
Data Rate	ASK			8	Kbps
Transmitter Performance(OOK@2.4Kbps)					
Peak Input Current,12 Vdc Supply	ITP			45	mA
Peak Output Power	PO		10		mW
Tum On/ Tum Off Time	T ON/T OFF			1	US
Power Supply Voltage Range	VCC	3		12	VDC
Operating Ambient Temperature	TA	-20		+85	Celsius
Tx Antenna Out (3V) +2.4dBm	VCC				mA

➤ **Size:**



➤ **Pin Assignment:**



Pin	Function
1	GND
2	Data In
3	VCC
4	ANT

➤ **Demo Circuit:**

