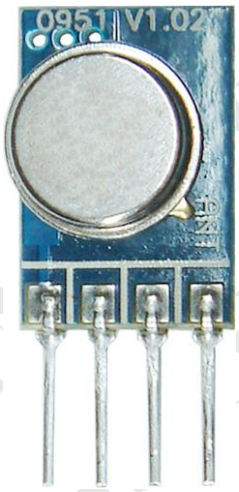
Wireless Hi Power Transmitter Module (RF ASK)

WENSHING Confidential
Do Not Distribution



Version History

Version	Date	Changes
V1.01	Mar. 01, 2002	1st. Edition
V1.02	Jul. 05, 2008	2nd. Edition
V1.03	Oct. 20, 2010	3nd. Edition

Model : TWS-BS-4

- Frequency Range: 318MHz
- Modulate Mode: ASK
- Circuit Shape: SAW
- Date Rate: 8Kbps
- Supply Voltage: 1.5~12V
- Output Power : 14dBm
- Working temperature: -20~+85℃
- Solder temperature: 230℃(10 seconds).
- High sensitivity is designed.

Application

● Wireless Data Transmission	● Wireless Game Pad
● Remote Control	● Wireless Toys
● Car Key	● Home Automation
● AMR- Automatic Meter Reading	● Remote Keyless Entry

Absolute Maximum Rating

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

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Electrical Characteristic

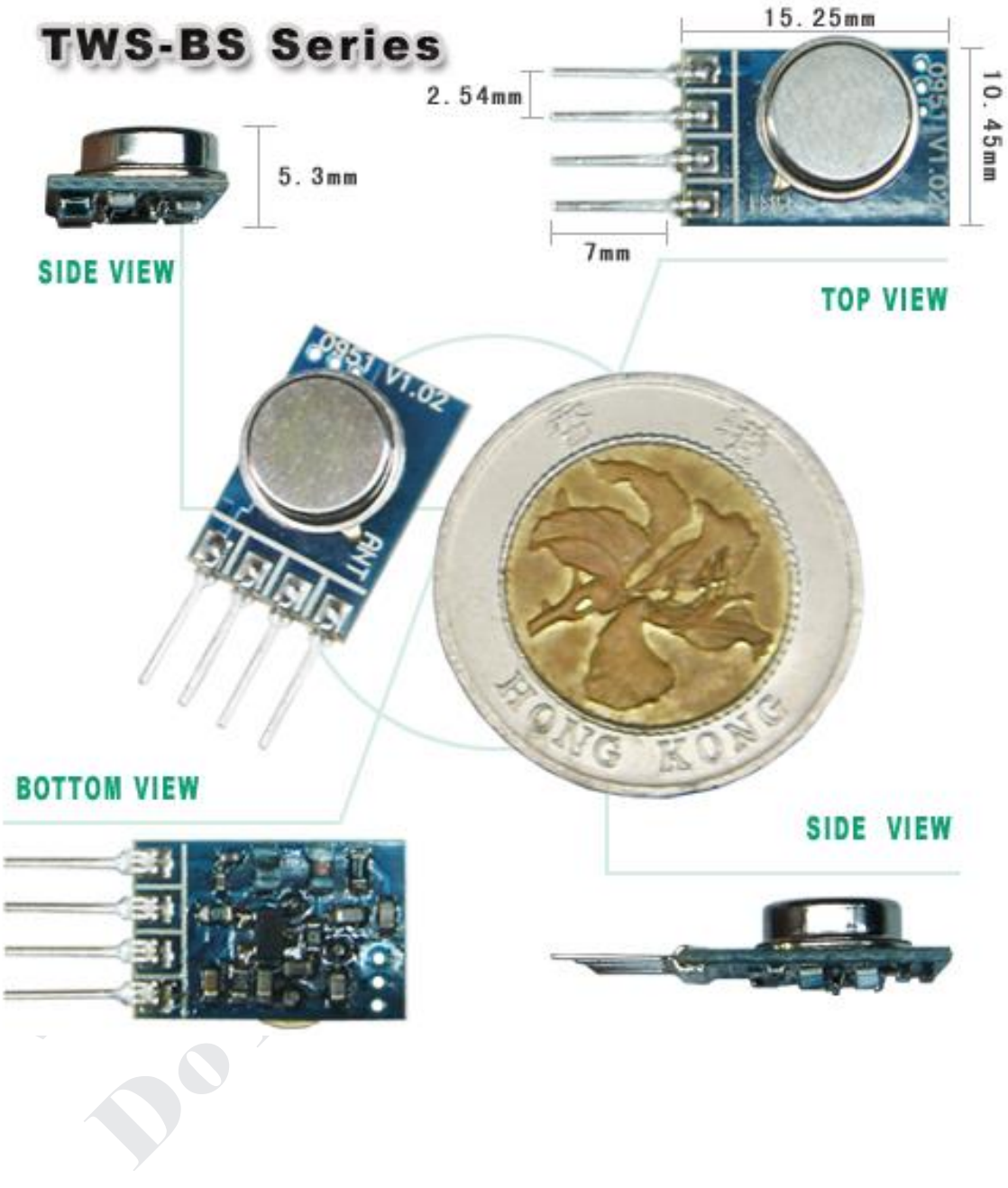
Characteristic	Min	Type	Max	Unit
Operating Frequency (±250KHz)	317.75	318.00	318.25	MHz
Data Rate			8	Kbps
Current Consumption			8	mA
Output Power			32	mW
Operating Voltage	3		12	VDC
Operating Ambient Temperature	-20		+85	℃

Pin Assignment

Pin	Function
1	GND
2	Data in
3	Vcc
4	ANT



Size


TWS-BS Series
15.25mm
2.54mm
10.45mm
5.3mm
7mm
SIDE VIEW
TOP VIEW
BOTTOM VIEW
SIDE VIEW
HONG KONG

Demo Circuit

