Type: ASK Transmitter Module
Model: CYT60

1. DESCRIPTION:

CYT60 is an ASK ISM frequency bank wireless transmitting module with superior performance. This module adapts European brand industrial-grade RF wireless data transmission receiving chip with strong transmitting power and low voltage power supply. CYT60 has all the characteristics for FCC/CE certification. CYT60 can achieve wireless data signal input to wireless signal output. Users can easily achieve the development of wireless products by adding a simple data decoding circuit.

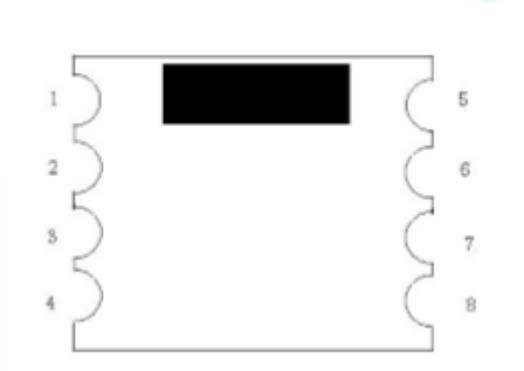
2. FEATURES:

- High transmitting power >10mW
- Wide working voltage: 1.8V-3.6V
- Working Frequency: 315Mhz/433.92Mhz (custom frequency available)
- Using PLL frequency stabilization (+-50KHZ), to enhance the stability of the working frequency.
- When work with receiving module CY11, it can reach 300 meters in open space.
- Low power consumption, static emission current consumption: 10mA. Basically, there is no power consumption when there is no data transmission.
- Working Temperature: -20℃ ～ +70℃
- Dimension: 10x10x2.5MM
- Frequency stability: ±50KHZ
- Modulation Rate:3kb/s
- Input Signal: TTL level

3. APPLICATION:

- Remote Keyless Entry(RKE)
- Gate/Access Control
- Wireless Security Alarm
- Smart home – auto curtain
- Wireless Industrial control
- Wireless Data Transmission

4. PIN DEFINITION:



Pin	Name	Function
1.2.4.6.7	GND	Ground
3	DATA	Data connected to MCU
5	VDD	Positive Power Supply
8	ANT	Antenna Out

5. ELECTRICAL CHARACTERISTICS:

Condition: Working Voltage: 3.3V, temperature at 25℃

Characteristics	Symbol	Condition	Value			Unit
			Min.	Typ.	Max.	
Frequency	Fc		315		433.92	MHz
Modulation Mode				ASK		
Output power		3V/50Ω		10		dBm
Data-rate			0.8	9.6	10	Kbps
Frequency Tolerate	Fc			±50		kHz
Current	IRC				10	mA
Working Voltage	VCC		1.8		3.6	V
Working Temperature	TC		-20		+70	℃

6. MECHANICAL SIZE: (unit: mm)

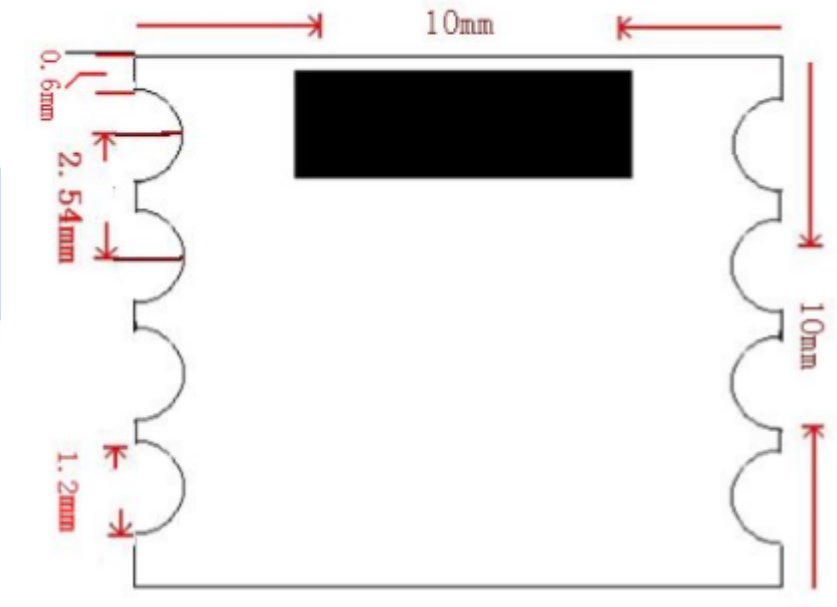


Figure1 CYT60 Dimension

For more information and assistance, please kindly contact us as follows:

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