

FSK Super Heterodyne Receiver

RX-01-FSK Receiver

General Description:

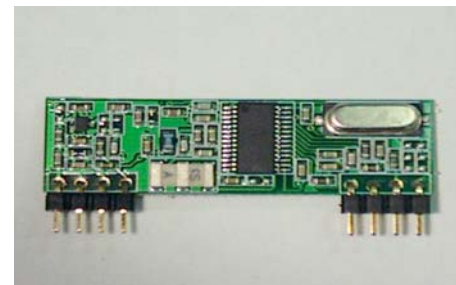
The RX-01-FSK is an FSK receiver module, which is based on a single-conversion super-heterodyne receiver architecture and incorporates an entire Phase-Locked Loop (PLL) for precise local oscillator generation..

Frequency available: 434/868 MHz

Sensitivity: -106dBm for 434MHz / -104dBm for 868MHz

Supply Current: 10mA for434MHz/13mA for 868MHz

434/868MHz FSK Receiver



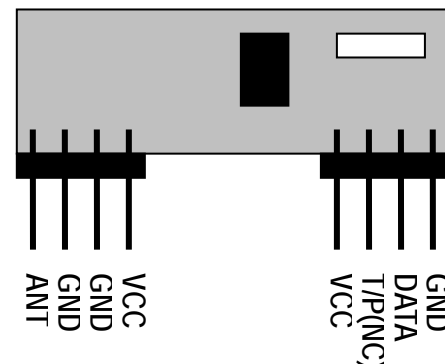
Features:

- Easy for application.
- Operation temperature range : $-20^{\circ}\text{C} \sim +85^{\circ}\text{C}$
- Lower power consumption.
- Operation voltage: 5Volts.
- Available frequency at: 434/868 MHz

Applications

- Car security system
- Wireless security systems
- Sensor reporting
- Automation system
- Remote Keyless entry

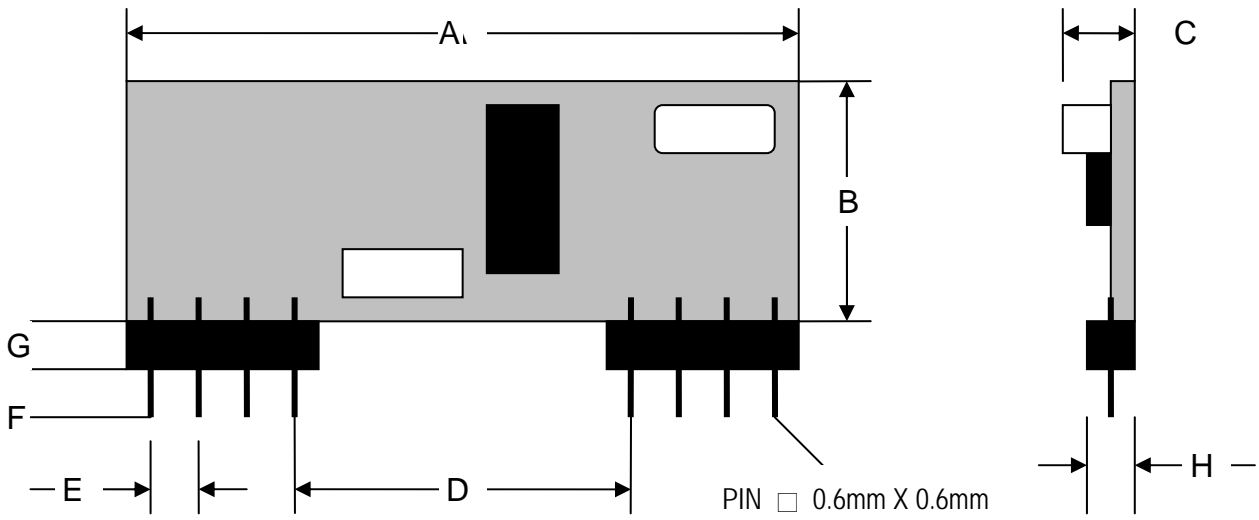
Pin Description:



Electrical Characteristics :

	CHARACTERISTIC	MIN	TYP	MAX	UNIT
Vcc	Supply Voltage	4.5	5	5.5	VDC
Is	Supply Current		10(434MHz) 13(868MHz)		mA
FR	Receiver Frequency		434/868		MHz
	RF Sensitivity(Vcc=5V)		-106(434MHz) -104(868MHz)		dBm
	Data Rate		4.8k	20k	bps
	Turn On Time(Vcc off-Turn on)		2		ms
TOP	Operating Temperature Range	-20		+85	$^{\circ}\text{C}$
	Output Duty	40		60	%

Mechanical Dimension:



NAME	DIMENSION	NAME	DIMENSION
A	44.201mm	E	2.54mm
B	13.004mm	F	2.75mm
C	5.5mm	G	3.009mm
D	25.4mm	H	3.009mm

Typical Application:

