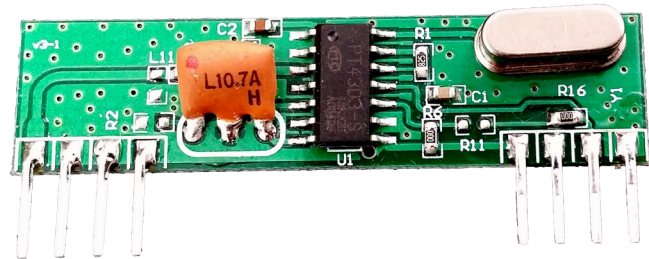


## SuperHeterodyne Receiver Module

### Features

- Complete RF Receiver
- CMOS / TTL Output
- Low Power Consumption
  - 2.6mA (typ)
- Wide Operating Voltage
  - 2.4 to 5Vdc
- High sensitivity 110dBm
- Available as 315 / 433MHz



### Applications

- Wireless Security Systems
- Car Alarms
- Remote Gate Controls
- Remote Sensing
- Data Capture
- Sensor Reporting

### General Description

The RF Solutions AM Superheterodyne Receivers are compact modules, which can be used to capture undecoded data from any equivalent AM Transmitter.

The module exhibits extremely stable electronic characteristics with no adjustable components and very reliable operation. The modules are compatible with RF solutions Ltd. range of AM transmitter to provide a complete Radio Link.

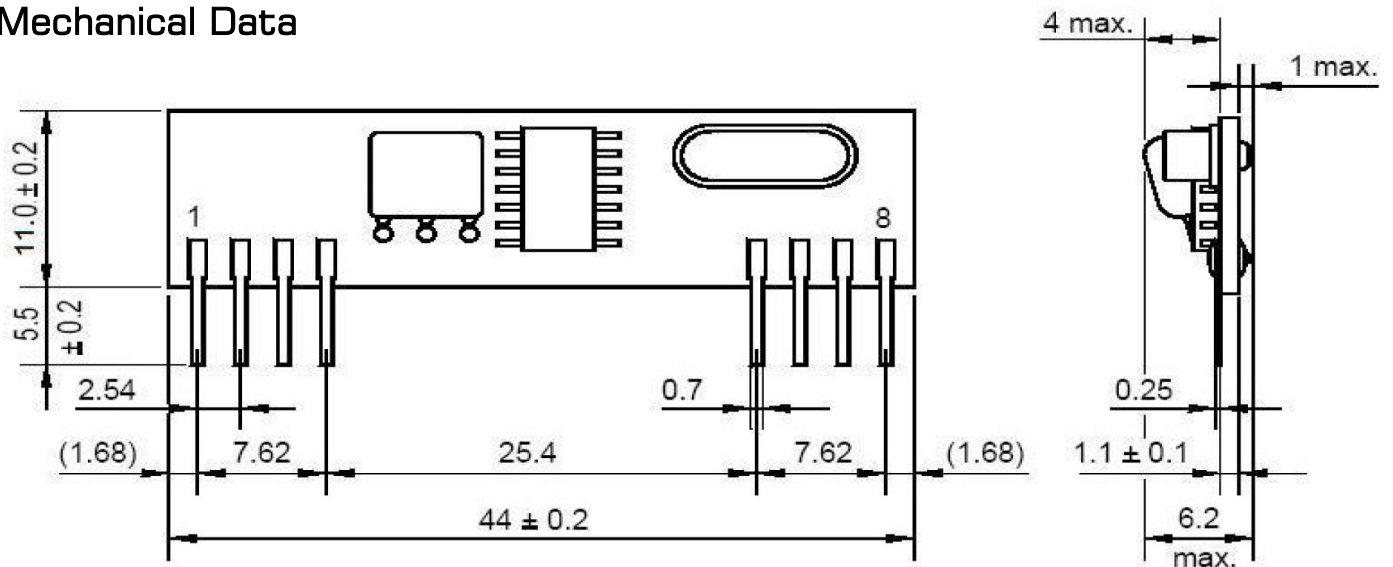
### Ordering Information

Part Number	Description
AM-RX9-315P	AM Receiver Module 315MHz
AM-RX9-433P	AM Receiver Module 433.92MHz

# AM-RX9-433P



## Mechanical Data



## Pin Descriptions

Pin	Description
1	Antenna In
2, 3, 8	Ground
4, 5	Supply voltage
6,7	Data Output

## Electrical Characteristics

Ambient temp = 25°C unless otherwise stated.

Characteristic	Min	Typical	Max	Dimensions
Supply Voltage	2.4	5	5.5	Vdc
Supply Current		2.6		mA
RF Sensitivity (Vcc=5V, 1Kbps)		-109		dBm
Working Frequency		315		MHz
High Level Output	0.7Vcc			V
Low Level Output			0.3Vcc	V
IF Bandwidth		280		KHz
Data Rate		1	10	Kbps



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