

General Description:

The RG-TX01 is ASK Hybrid SAW based transmitter provides a complete RF transmitter solution, Which can be transmitted data at up to 3KHz from any microprocessor or standard Encode IC. The compact small size and low cost design keeping the components count down and ensuring the low hardware cost.

The module is compatible with SUMMITEK Technology Ltd. range of ASK receiver modules.

Feautres:

- Complete RF Transmitter
- CMOS/TTL Input
- No Adjustable Components
- Stable Operating Frequency
- Low Current Consumption
- Wide Operating Range
- ASK Modulation
- Available as 315 / 433.92MHz

Applications:

- Wireless security systems
- Car Alarm systems
- Remote controls.
- Sensor reporting
- Automation systems

PIN Description:



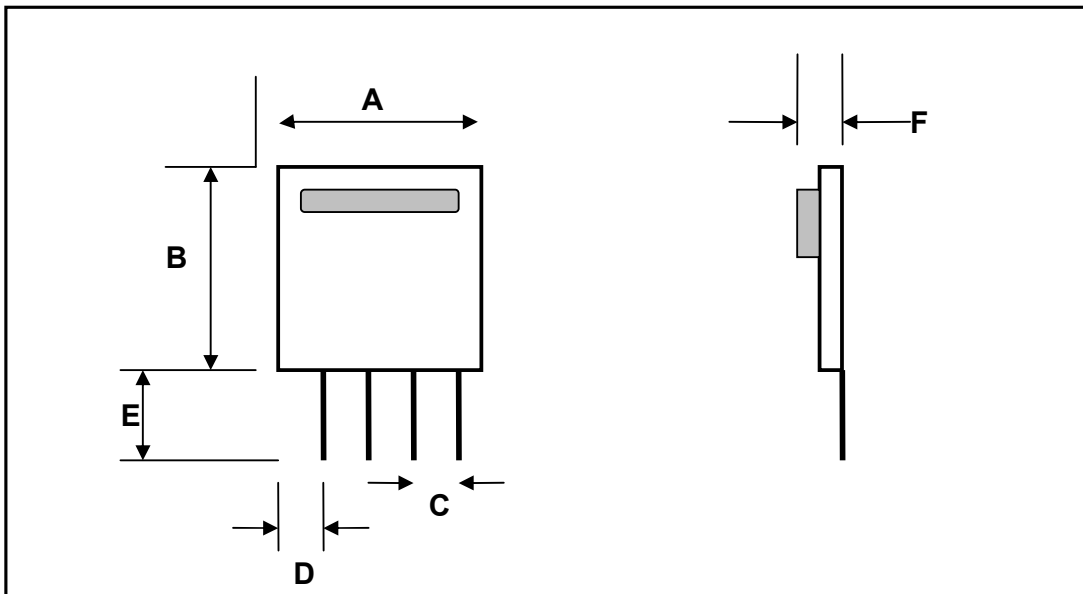
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|---|------|
| 1 | ANT |
| 2 | VCC |
| 3 | DATA |
| 4 | GND |

1 2 3 4

Absolute Maximum Ratings:

Parameter	Symbol	Condition	Specification					Unit
			Min	Typical			Max	
Supply Voltage				3V	5V	9V	12V	V
Output power	Psens	DATA Rate:1Kbps	315MHz	6	12	14	16	dBm
			Supply current	13	25	49	55	mA
			434MHz	6	12	14	16	dBm
			Supply current	13	25	49	55	mA
Tune on Time	Ton	Data start out by Vcc turn on	10	20				ms
Data Rate				1k			3k	bps
Input duty		1kbps data rate	45				55	%
Temperature			-20				60	°C

Mechanical Dimension:



Dimensions	Millimeters	Dimensions	Millimeters
A	13(+/-0.05)	D	3.0
B	19(+/-0.05)	E	5.5
C	2.54	F	5.5

Unit:mm

Typical Application:

