



RWS

RWS -371-3

WEN SHING

The RF Module's Frequency Is From UHF ASK 300MHz TO 434MHz

- High-Sensitivity Passive Design
- 4800 B/S Baseboard Data Rate
- Simple To Apply With Low External Count
- Low Supply Voltage : Vcc = 5Vdc
- ASK Data Shaping Comparator Included



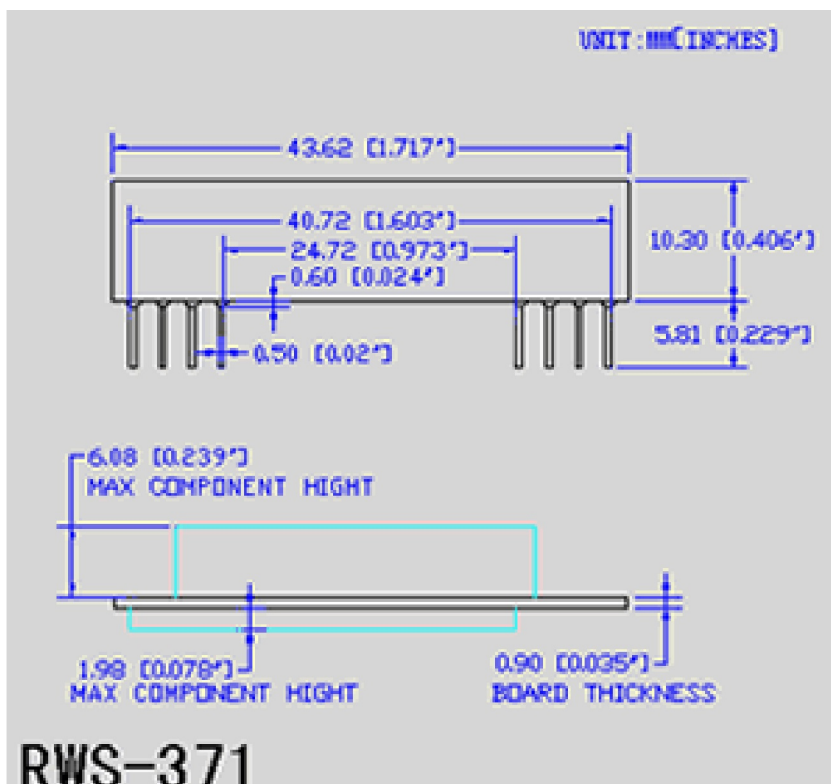
DC Characteristics

Symbol	Parameter	Conditions	Min	Typ	Max	Unit
vcc	Operating supply voltage		4.9	5	5.1	
ITot	Operating supply voltage		-	4.5	-	
VData	Data Out	1Data= +200 uA (High)	Vcc-0.5	Vcc		V
		IData= -10 uA (Low)	-	-	0.3	V

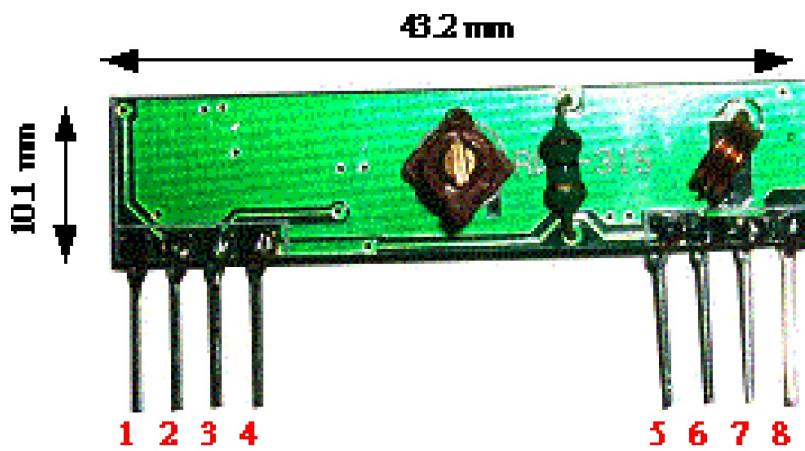
Electrical Characteristics

Characteristics	SYM	Min	Typ	Max	Unit
Operationg Radio Frequency	FC		315.00		Mhz
Sensitivity	Pref		-	106	dBm
Channel Width		-500		+500	Khz
Noise equivalent BW	NEB		5	4	Khz
Baseboard data rate				3	Kb/s
Receiver tum on time				3	ms

APPLICATION NOTE



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- pin 1 : Gnd
- pin 2 : Digital Output
- pin 3 : Linear Output
- pin 4 : Vcc
- pin 5 : Vcc
- pin 6 : Gnd
- pin 7 : Gnd
- pin 8 : ANT (About 30 - 35 cm)

Modulation : AM

Supply Voltage : 5v dc