

Furon Ltd

315.00 MHz PLL Transmitter Specification

Approved for operation in the USA
FCC ID: NRC 4051315T

Performance Data at 25 degrees C

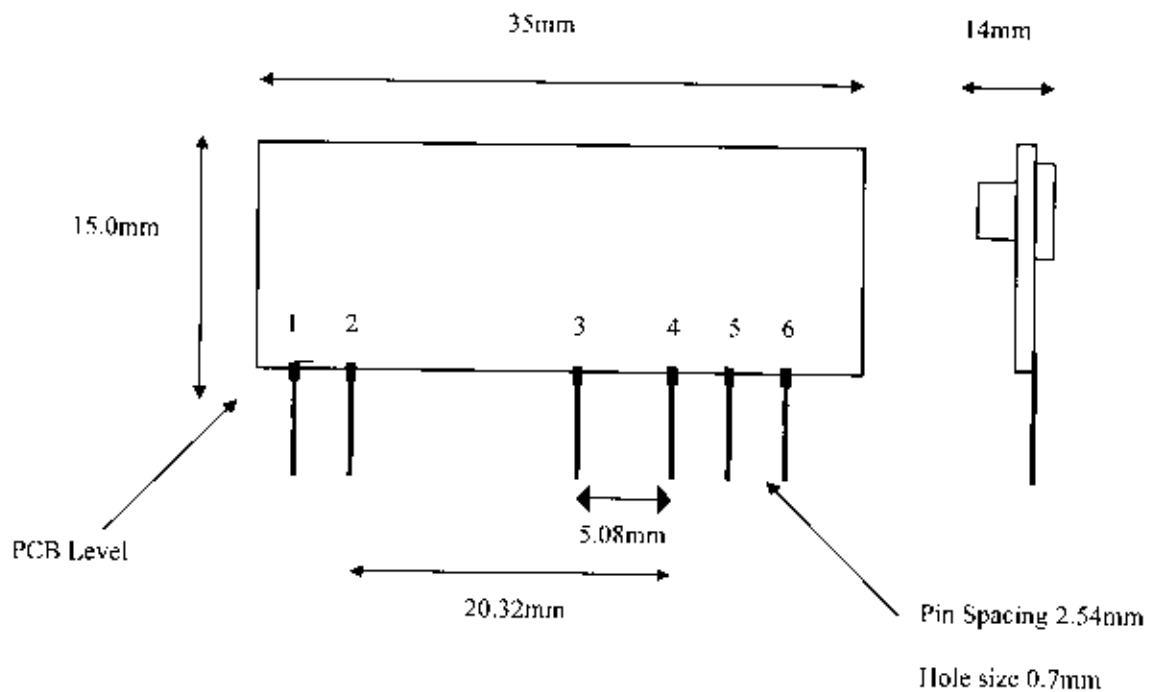
Parameter	Min	Typ	Max
Power Supply 9V PP3 Battery	7V	-	9.5V
Radiated Power Field strength at 3m			75dB μ V/m
Supply Current		30mA	
Transmit frequency		315.00MHz	
Initial Frequency accuracy		+/- 5kHz	
Overall frequency accuracy		+/- 8kHz	
Spurious Radiation --below carrier		-50dBc	
FM deviation		30kHz	
Modulation Rate			2kHz
Transmit duty cycle Transmits FSK data packets while push button is pressed Stops transmitting when push button is released		20S --	
Transmit duty cycle while button pressed Transmit on time Transmit off time		50mS 200mS	
Operating Temperature	-10 C		55 C
Wake up time		2mS	

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Preliminary Information
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Mechanical Specification



Pin	Function	Description
1	RF GND	This pin is internally connected to Pin 4. It should be connected to the ground plane against which the antenna radiates
2	RF OUT	Connect to antenna. Output impedance 50Ω.
3	RF LEVEL	Pull to 5V via 4K7 produces 10mW into 50Ω R range 1K2 to 100K to vary output power from max. to min.
4	Vcc	Positive supply voltage.
5	Vss	'0' volt connection for supply and Data input.
6	DATA IN	Drive directly from CMOS logic device at 5 volt level.